European Food Safety Authority

ZOONOSES MONITORING

Cyprus

TRENDS AND SOURCES OF ZOONOSES AND ZOONOTIC AGENTS IN FOODSTUFFS, ANIMALS AND FEEDINGSTUFFS

including information on foodborne outbreaks, antimicrobial resistance in zoonotic and indicator bacteria and some pathogenic microbiological agents

IN 2017

PREFACE

This report is submitted to the European Commission in accordance with Article 9 of Council Directive 2003/99/ EC*. The information has also been forwarded to the European Food Safety Authority (EFSA).

The report contains information on trends and sources of zoonoses and zoonotic agents in Cyprus during the year 2017.

The information covers the occurrence of these diseases and agents in animals, foodstuffs and in some cases also in feedingstuffs. In addition the report includes data on antimicrobial resistance in some zoonotic agents and indicator bacteria as well as information on epidemiological investigations of foodborne outbreaks.
Complementary data on susceptible animal populations in the country is also given. The information given covers both zoonoses that are important for the public health in the whole European Union as well as zoonoses, which are relevant on the basis of the national epidemiological situation.
The report describes the monitoring systems in place and the prevention and control strategies applied in the country. For some zoonoses this monitoring is based on legal requirements laid down by the European Union legislation, while for the other zoonoses national approaches are applied.

The report presents the results of the examinations carried out in the reporting year. A national evaluation of the epidemiological situation, with special reference to trends and sources of zoonotic infections, is given. Whenever possible, the relevance of findings in foodstuffs and animals to zoonoses cases in humans is evaluated.
The information covered by this report is used in the annual European Union Summary Reports on zoonoses and antimicrobial resistance that are published each year by EFSA.

The national report contains two parts: tables summarising data reported in the Data Collection Framework and the related text forms. The text forms were sent by email as pdf files and they are incorporated at the end of the report.

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* Directive 2003/ 99/ EC of the European Parliament and of the Council of 12 December 2003 on the monitoring of zoonoses and zoonotic agents, amending Decision 90/ 424/ EEC and repealing Council Directive 92/ 117/ EEC, OJ L 325, 17.11.2003, p. 31

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ANIMAL POPULATION TABLES

Table Susceptible animal population

		Population			
Animal species	**Category of animals**	**holding**	**animal**	**slaughter animal (heads)**	**herd/flock**
Cattle (bovine animals)	Cattle (bovine animals)	363	64,566		363
	Cattle (bovine animals) - calves (under 1 year)		17,596		
	Cattle (bovine animals) - dairy cows		46,970		
Gallus gallus (fowl)	Gallus gallus (fowl) - breeding flocks, unspecified	9	125,992		29
	Gallus gallus (fowl) - broilers	81	10,648,214	10,648,214	
	Gallus gallus (fowl) - laying hens	36	457,920		134
Goats	Goats	1,034	89,175		1,034
	Goats - animals over 1 year		153,190		
	Goats - animals under 1 year		38,325		
Pigs	Pigs	78			
	Pigs - breeding animals		28,124		
	Pigs - fattening pigs		221,090		
Sheep	Sheep	791	118,521		791
	Sheep - animals over 1 year		205,884		
	Sheep - animals under 1 year (lambs)		41,718		
Sheep and goats	Sheep and goats		257,974		1,125
Turkeys	Turkeys	6	35,572		10
	Turkeys - meat production flocks		35,572	19,286	10

DISEASE STATUS TABLES

Table Bovine brucellosis in countries and regions that do not receive Community co-financing for eradication programme

Region	Number of herds with status officially free	Number of infected herds	Total number of herds
Κύπρος (NUTS level 3)	330	0	363

Table Ovine or Caprine brucellosis in countries and regions that do not receive Community co-financing for eradication programme

Region	Number of herds with status officially free	Number of infected herds	Total number of herds
Κύπρος (NUTS level 3)	2,842	0	2,946

DISEASE STATUS TABLES

Table Bovine tuberculosis in countries and regions that do not receive Community co-financing for eradication programme

Region	Number of herds with status officially free	Number of infected herds	Total number of herds
CYPRUS	300	0	363

PREVALENCE TABLES

Table Campylobacter:CAMPYLOBACTER in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	7	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - France - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	4	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - Netherlands - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - United Kingdom - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - United States - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - chilled - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	2	0	Campylobacter	0
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	10	0	Campylobacter	0
	Meat from pig - meat preparation - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	15	0	Campylobacter	0
	Meat from pig - meat preparation - intended to be eaten cooked - frozen - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 10272-1:2006 Campylobacter	1	0	Campylobacter	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Not Available	3	0	Campylobacter	0

Table COXIELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Method	Total units tested	Total units positive	N of clinical affected herds	Zoonoses	N of units positive
CYPRUS	All animals - farmed - Farm - Not Available - Not Available - Clinical investigations - Official sampling - Suspect sampling	herd/flock	Staining	39	4	4	Coxiella	4

Table Cronobacter:CRONOBACTER in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Infant formula - dried - intended for infants below 6 months - Retail - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	ISO/TS 22964:2006 (IDF/RM 210: 2006) Cronobacter spp. (Enterobacter sakazakii)	1	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Ireland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	ISO/TS 22964:2006 (IDF/RM 210: 2006) Cronobacter spp. (Enterobacter sakazakii)	1	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Netherlands - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	ISO/TS 22964:2006 (IDF/RM 210: 2006) Cronobacter spp. (Enterobacter sakazakii)	4	0	Cronobacter	0
	Infant formula - dried - intended for infants below 6 months - Retail - Poland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	ISO/TS 22964:2006 (IDF/RM 210: 2006) Cronobacter spp. (Enterobacter sakazakii)	2	0	Cronobacter	0

Table Echinococcus:ECHINOCOCCUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
CYPRUS	Mouflons - Natural habitat - Not Available - Not Available - Surveillance - Official sampling - Convenient sampling	Not Available	animal	14	0	Echinococcus granulosus complex	0

Table Escherichia coli:ESCHERICHIA COLI in food

Area of sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Method	total units tested	total units positive	Zoonoses	ANTH	VTX	AG	N units positive
Not Available	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Retail - China - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	2	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Retail - Thailand - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Retail - United Kingdom - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	1	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0
	Vegetables - non-pre-cut - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO/TS 13136:2012 (including the EU-RL adaptation for O104:H4)	3	0	Verocytotoxigenic E. coli (VTEC)	Not Available	Not Available	Not Available	0

Table FLAVIVIRUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Vaccination status	Method	Total units tested	Total units positive	Zoonoses		N of units positive
Not Available	Solipeds, domestic - Farm - Cyprus - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	No	IgG ELISA	129	28		West Nile virus	28
	Solipeds, domestic - Farm - Cyprus - animal sample - blood - Surveillance - Official sampling - Objective sampling	animal	No	IgM-capture ELISA (MAC-ELISA)	28	0		West Nile virus	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Bakery products - desserts - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	28	0	<= 100	Listeria monocytogenes	28	0
							>100	Listeria monocytogenes	28	0
	Bakery products - desserts - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Netherlands - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	20	0	detection	Listeria monocytogenes	20	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Austria - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	3	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Denmark - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Finland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Finland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	detection	Listeria monocytogenes	2	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Netherlands - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Poland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	5	0	detection	Listeria monocytogenes	5	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	15	0	detection	Listeria monocytogenes	15	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	7	0	detection	Listeria monocytogenes	7	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	5	0	detection	Listeria monocytogenes	5	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	23	0	detection	Listeria monocytogenes	23	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	9	0	detection	Listeria monocytogenes	9	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	27	0	detection	Listeria monocytogenes	27	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	79	0	detection	Listeria monocytogenes	79	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	17	0	detection	Listeria monocytogenes	17	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	14	0	<= 100	Listeria monocytogenes	11	0
							>100	Listeria monocytogenes	11	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	14	0	detection	Listeria monocytogenes	3	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	22	0	detection	Listeria monocytogenes	22	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	14	0	<= 100	Listeria monocytogenes	14	0
							>100	Listeria monocytogenes	14	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	15	0	detection	Listeria monocytogenes	15	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	31	0	detection	Listeria monocytogenes	31	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	4	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	8	0	detection	Listeria monocytogenes	8	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	4	0
	Dairy products (excluding cheeses) - cream - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	1	0	detection	Listeria monocytogenes	1	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Dairy products (excluding cheeses) - dairy products, not specified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	26	0	detection	Listeria monocytogenes	26	0
	Dairy products (excluding cheeses) - fermented dairy products - fermented cream - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	18	0	detection	Listeria monocytogenes	18	0
	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Millilitre	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Dairy products (excluding cheeses) - whey - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	1	0	detection	Listeria monocytogenes	1	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	72	0	detection	Listeria monocytogenes	72	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Egg products - liquid - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Egg products - ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	0	detection	Listeria monocytogenes	3	0
	Fish - gravad /slightly salted - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Fish - smoked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	4	0
	Fish - smoked - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	1	<= 100	Listeria monocytogenes	3	1
							>100	Listeria monocytogenes	3	0
	Fish - smoked - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	1	detection	Listeria monocytogenes	4	1
	Fish - smoked - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	1	1	<= 100	Listeria monocytogenes	1	1
							>100	Listeria monocytogenes	1	0
	Fish - smoked - Retail - Denmark - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Fish - smoked - Retail - Denmark - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Fish - smoked - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Fish - smoked - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	detection	Listeria monocytogenes	3	0
	Fish - smoked - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Fish - smoked - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	detection	Listeria monocytogenes	5	0
	Fish - smoked - Retail - Norway - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Fish - smoked - Retail - Norway - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Fish - smoked - Retail - United Kingdom - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Fishery products, unspecified - ready-to-eat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	8	0	<= 100	Listeria monocytogenes	8	0
							>100	Listeria monocytogenes	8	0
	Fishery products, unspecified - ready-to-eat - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Follow-on formulae - Retail - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Portugal - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Poland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Fruits - pre-cut - ready-to-eat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	25	0	<= 100	Listeria monocytogenes	25	0
							>100	Listeria monocytogenes	25	0
	Infant formula - dried - intended for infants below 6 months - Retail - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Infant formula - dried - intended for infants below 6 months - Retail - Ireland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Infant formula - dried - intended for infants below 6 months - Retail - Netherlands - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	4	0
	Infant formula - dried - intended for infants below 6 months - Retail - Poland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Juice - fruit juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	28	0	<= 100	Listeria monocytogenes	28	0
							>100	Listeria monocytogenes	28	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Juice - mixed juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Juice - vegetable juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat from bovine animals - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	3	2	detection	Listeria monocytogenes	3	2
	Meat from bovine animals - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	10	Gram	1	1	<= 100	Listeria monocytogenes	1	1
							>100	Listeria monocytogenes	1	0
	Meat from bovine animals - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	1	1	detection	Listeria monocytogenes	1	1
	Meat from bovine animals - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	1	detection	Listeria monocytogenes	2	1
	Meat from pig - meat products - cooked ham - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	4	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	4	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	11	1	<= 100	Listeria monocytogenes	1	1
							>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	11	1	detection	Listeria monocytogenes	11	1
	Meat from pig - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	42	8	<= 100	Listeria monocytogenes	5	5
							>100	Listeria monocytogenes	5	0
	Meat from pig - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	42	8	detection	Listeria monocytogenes	42	8
	Meat from pig - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	10	Gram	4	2	<= 100	Listeria monocytogenes	2	2
							>100	Listeria monocytogenes	2	0
	Meat from pig - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	4	2	detection	Listeria monocytogenes	4	2
	Meat from pig - meat products - fermented sausages - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	9	2	detection	Listeria monocytogenes	9	2

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - meat specialities - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	1	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	6	1	detection	Listeria monocytogenes	6	1
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	25	0	detection	Listeria monocytogenes	25	0
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	detection	Listeria monocytogenes	3	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	detection	Listeria monocytogenes	4	0
	Meat from turkey - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	detection	Listeria monocytogenes	2	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	2	0	detection	Listeria monocytogenes	2	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	3	0	detection	Listeria monocytogenes	3	0
	Milk, cows' - pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	4	0	detection	Listeria monocytogenes	4	0
	Milk, cows' - UHT milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	1	0	detection	Listeria monocytogenes	1	0
	Molluscan shellfish - cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	detection	Listeria monocytogenes	1	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	11	0	<= 100	Listeria monocytogenes	11	0
							>100	Listeria monocytogenes	11	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Other processed food products and prepared dishes - pasta/rice salad - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	7	0	<= 100	Listeria monocytogenes	7	0
							>100	Listeria monocytogenes	7	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	194	0	<= 100	Listeria monocytogenes	194	0
							>100	Listeria monocytogenes	194	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	24	0	<= 100	Listeria monocytogenes	24	0
							>100	Listeria monocytogenes	24	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	18	0	<= 100	Listeria monocytogenes	18	0
							>100	Listeria monocytogenes	18	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	7	0	<= 100	Listeria monocytogenes	7	0
							>100	Listeria monocytogenes	7	0
	Ready-to-eat salads - containing mayonnaise - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Ready-to-eat salads - containing mayonnaise - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Ready-to-eat salads - Hospital or medical care facility - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	5	0	<= 100	Listeria monocytogenes	5	0
							>100	Listeria monocytogenes	5	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	104	0	<= 100	Listeria monocytogenes	104	0
							>100	Listeria monocytogenes	104	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	single (food/feed)	25	Gram	6	0	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	6	0	<= 100	Listeria monocytogenes	6	0
							>100	Listeria monocytogenes	6	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Vegetables - pre-cut - ready-to-eat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	65	0	<= 100	Listeria monocytogenes	65	0
							>100	Listeria monocytogenes	65	0
	Vegetables - products - Border inspection activities - Lebanon - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	1	0	<= 100	Listeria monocytogenes	1	0
							>100	Listeria monocytogenes	1	0
	Vegetables - products - Border inspection activities - Syria - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	2	0	<= 100	Listeria monocytogenes	2	0
							>100	Listeria monocytogenes	2	0
	Vegetables - products - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	4	0	<= 100	Listeria monocytogenes	4	0
							>100	Listeria monocytogenes	4	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Total units tested	Total units positive	Method	Zoonoses	N of units tested	N of units positive
Not Available	Vegetables - products - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	3	0	<= 100	Listeria monocytogenes	3	0
							>100	Listeria monocytogenes	3	0

Table Lyssavirus:LYSSAVIRUS in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cats - pet animals - Border inspection activities - Georgia - animal sample - brain - Clinical investigations - Official sampling - Suspect sampling	Immunofluorescence method	animal	1	0	Lyssavirus	0

Table Salmonella:SALMONELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	N of flocks under control programme	Target verification	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Gallus gallus (fowl) - breeding flocks, unspecified - adult - Farm - Not Available - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	29	Y	Not Available	29	3	Salmonella Mishmarhaemek	2
								Salmonella Telaviv	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - environmental sample - Control and eradication programmes - Industry sampling - Census	herd/flock	1163	N	Not Available	906	19	Salmonella spp., unspecified	19
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	1163	Y	Not Available	906	23	Salmonella Infantis	3
								Salmonella spp., unspecified	19
								Salmonella Virchow	1
	Gallus gallus (fowl) - broilers - before slaughter - Farm - Not Available - environmental sample - Control and eradication programmes - Official sampling - Objective sampling	herd/flock	1163	N	Not Available	8	4	Salmonella Infantis	3
								Salmonella Virchow	1
	Gallus gallus (fowl) - laying hens - adult - Farm - Not Available - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	134	Y	Not Available	134	13	Salmonella Blockley	2
								Salmonella enterica, subspecies salamae	1
								Salmonella Infantis	1
								Salmonella Mbandaka	2
								Salmonella Mishmarhaemek	2
								Salmonella Sarajane	1
								Salmonella Virchow	4
	Turkeys - fattening flocks - before slaughter - Farm - Not Available - environmental sample - Control and eradication programmes - Industry sampling - Census	herd/flock	10	N	Not Available	7	0	Salmonella	0
	Turkeys - fattening flocks - before slaughter - Farm - Not Available - environmental sample - Control and eradication programmes - Official and industry sampling - Census	herd/flock	10	Y	Not Available	10	2	Salmonella Infantis	1
								Salmonella Mbandaka	1
	Turkeys - fattening flocks - before slaughter - Farm - Not Available - environmental sample - Control and eradication programmes - Official sampling - Objective sampling	herd/flock	10	N	Not Available	4	2	Salmonella Infantis	1
								Salmonella Mbandaka	1

Table Salmonella:SALMONELLA in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Bakery products - desserts - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	28	0	Salmonella	0
	Bakery products - desserts - Retail - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	2	0	Salmonella	0
	Cheeses made from cows' milk - hard - made from pasteurised milk - Retail - Netherlands - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	20	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Austria - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Denmark - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Finland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Germany - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Netherlands - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - soft and semi-soft - made from pasteurised milk - Retail - Poland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from cows' milk - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	1	0	Salmonella	0
	Cheeses made from goats' milk - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	5	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	15	0	Salmonella	0
	Cheeses made from goats' milk - soft and semi-soft - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	7	0	Salmonella	0
	Cheeses made from goats' milk - unspecified - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Cheeses made from sheep's milk - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	5	0	Salmonella	0
	Cheeses made from sheep's milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	23	0	Salmonella	0
	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	9	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses made from sheep's milk - unspecified - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	27	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	79	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	Not Available	17	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - soft and semi-soft - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	14	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	22	0	Salmonella	0
	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	14	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - hard - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	15	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	31	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - soft and semi-soft - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	Not Available	3	0	Salmonella	0
	Cheeses, made from unspecified milk or other animal milk - unspecified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	8	0	Salmonella	0
	Coconut - Border inspection activities - Indonesia - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Coconut - Border inspection activities - Vietnam - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Coconut - coconut products - Border inspection activities - Sri Lanka - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Coconut - Retail - Indonesia - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Coconut - Retail - Sri Lanka - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Coconut - Retail - Unknown - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Crustaceans - shrimps - raw - frozen - Border inspection activities - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	batch (food/feed)	25	Gram	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - butter - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	4	0	Salmonella	0
	Dairy products (excluding cheeses) - cream - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - dairy products, not specified - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	26	0	Salmonella	0
	Dairy products (excluding cheeses) - fermented dairy products - fermented cream - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	Not Available	18	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Dairy products (excluding cheeses) - fermented dairy products - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Millilitre	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - Border inspection activities - Former Yugoslav Republic of Macedonia, the - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	batch (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	47	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Dairy products (excluding cheeses) - ice-cream - made from pasteurised milk - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Dairy products (excluding cheeses) - milk powder and whey powder - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	2	0	Salmonella	0
	Dairy products (excluding cheeses) - whey - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	Not Available	1	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	72	0	Salmonella	0
	Dairy products (excluding cheeses) - yoghurt - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	Not Available	1	0	Salmonella	0
	Egg products - liquid - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	Not Available	1	0	Salmonella	0
	Egg products - non-ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	2	0	Salmonella	0
	Eggs - table eggs - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Fish - smoked - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Fish - smoked - Retail - Denmark - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fish - smoked - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Fish - smoked - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Fish - smoked - Retail - Norway - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fish - smoked - Retail - United Kingdom - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	8	0	Salmonella	0
	Fishery products, unspecified - ready-to-eat - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Follow-on formulae - Retail - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - European Union - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Portugal - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - processed cereal-based food for infants and young children - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - European Union - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Poland - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Foodstuffs intended for special nutritional uses - ready-to-eat meal for infants and young children - Retail - Spain - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Fruits - non-pre-cut - Farm - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Fruits - pre-cut - ready-to-eat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	25	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Ireland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Netherlands - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Infant formula - dried - intended for infants below 6 months - Retail - Poland - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Juice - fruit juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	28	0	Salmonella	0
	Juice - mixed juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Juice - vegetable juice - unpasteurised - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - fresh - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Not Available	7	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - chilled - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from bovine animals - meat preparation - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	ISO 6579-1:2017 Salmonella	2	1	Salmonella Kentucky	1
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Not Available	14	1	Salmonella spp., unspecified	1
	Meat from bovine animals - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Not Available	3	0	Salmonella	0
	Meat from bovine animals - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	3	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from bovine animals - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	Not Available	1	0	Salmonella	0
	Meat from bovine animals - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	2	0	Salmonella	0
	Meat from bovine animals - minced meat - intended to be eaten cooked - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Not Available	7	0	Salmonella	0
	Meat from bovine animals and pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Not Available	9	0	Salmonella	0
	Meat from broilers (Gallus gallus) - carcase - chilled - Slaughterhouse - Not Available - food sample - neck skin - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	Not Available	260	85	Salmonella spp., unspecified	85
	Meat from broilers (Gallus gallus) - fresh - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	78	16	Salmonella spp., unspecified	16
	Meat from broilers (Gallus gallus) - fresh - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Other	batch (food/feed)	25	Gram	Not Available	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - chilled - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	2	Salmonella Infantis	2
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	7	3	Salmonella Infantis	3
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - France - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - Germany - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - Netherlands - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - Spain - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - United Kingdom - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - frozen - Retail - United States - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	57	13	Salmonella spp., unspecified	13
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	2	0	Salmonella	0
	Meat from broilers (Gallus gallus) - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	Not Available	1	1	Salmonella spp., unspecified	2
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - chilled - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	1	Salmonella Infantis	1
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	17	2	Salmonella spp., unspecified	2
	Meat from broilers (Gallus gallus) - minced meat - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from broilers (Gallus gallus) - offal - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	3	0	Salmonella	0
	Meat from goat - fresh - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Not Available	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from other poultry species - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	2	0	Salmonella	0
	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Monitoring - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Not Available	142	4	Salmonella group C1	1
								Salmonella London	2
								Salmonella Typhimurium	1
	Meat from pig - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official, based on Regulation 854/2004 - Objective sampling	single (food/feed)	400	Square centimetre	Not Available	20	0	Salmonella	0
	Meat from pig - fresh - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Not Available	72	2	Salmonella spp., unspecified	2
	Meat from pig - meat preparation - intended to be eaten cooked - chilled - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	ISO 6579-1:2017 Salmonella	10	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - frozen - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	ISO 6579-1:2017 Salmonella	15	1	Salmonella Kedougou	1
	Meat from pig - meat preparation - intended to be eaten cooked - frozen - Retail - Greece - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	10	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Not Available	69	0	Salmonella	0
	Meat from pig - meat preparation - intended to be eaten cooked - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Not Available	98	8	Salmonella spp., unspecified	8
	Meat from pig - meat products - cooked ham - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	4	0	Salmonella	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat from pig - meat products - cooked ham - sliced - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - chilled - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	11	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	42	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	Not Available	3	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	9	0	Salmonella	0
	Meat from pig - meat products - fermented sausages - Retail - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	Not Available	2	0	Salmonella	0
	Meat from pig - meat products - meat specialities - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	2	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - chilled - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	25	0	Salmonella	0
	Meat from pig - meat products - raw and intended to be eaten raw - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	Not Available	1	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Meat from pig - minced meat - intended to be eaten cooked - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Not Available	27	0	Salmonella	0
	Meat from rabbit - carcase - Slaughterhouse - Not Available - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	36	0	Salmonella	0
	Meat from sheep - carcase - Slaughterhouse - Not Available - food sample - carcase swabs - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	400	Square centimetre	Not Available	20	0	Salmonella	0
	Meat from sheep - fresh - Cutting plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	10	Gram	Not Available	16	0	Salmonella	0
	Meat from turkey - fresh - frozen - Border inspection activities - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Selective sampling	batch (food/feed)	25	Gram	Not Available	1	0	Salmonella	0
	Meat from turkey - fresh - frozen - Wholesale - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Other	batch (food/feed)	25	Gram	Not Available	1	0	Salmonella	0
	Meat from turkey - meat preparation - intended to be eaten cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	1	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - chilled - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Meat from turkey - meat products - cooked, ready-to-eat - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	2	0	Salmonella	0
	Milk from other animal species or unspecified - pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	Not Available	2	0	Salmonella	0
	Milk from other animal species or unspecified - raw milk - Processing plant - Not Available - Not Available - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Millilitre	Not Available	3	0	Salmonella	0
	Milk, cows' - pasteurised milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	Not Available	4	0	Salmonella	0
	Milk, cows' - pasteurised milk - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Milk, cows' - UHT milk - Processing plant - Not Available - Not Available - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Millilitre	Not Available	1	0	Salmonella	0
	Molluscan shellfish - cooked - Processing plant - Not Available - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	Not Available	1	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	11	0	Salmonella	0
	Other processed food products and prepared dishes - fish and seafood based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Hospital or medical care facility - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	18	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	98	0	Salmonella	0
	Other processed food products and prepared dishes - meat based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Hospital or medical care facility - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - pasta - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Other processed food products and prepared dishes - pasta/rice salad - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Hospital or medical care facility - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Other processed food products and prepared dishes - rice based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - non-meat - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	194	0	Salmonella	0
	Other processed food products and prepared dishes - sandwiches - with meat - Retail - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Other processed food products and prepared dishes - sushi - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	24	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Retail - China - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Retail - Thailand - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - unspecified - non-ready-to-eat foods - frozen - Retail - United Kingdom - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Processing plant - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	18	0	Salmonella	0
	Other processed food products and prepared dishes - vegetable based dishes - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	7	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Ready-to-eat salads - containing mayonnaise - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Ready-to-eat salads - Hospital or medical care facility - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	5	0	Salmonella	0
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	104	1	Salmonella enterica, subspecies salamae	1
	Ready-to-eat salads - Restaurant or Cafe or Pub or Bar or Hotel or Catering service - Cyprus - food sample - Surveillance - Official sampling - Suspect sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Seeds, dried - Border inspection activities - India - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	19	2	Salmonella Lansing	1
								Salmonella Richmond	1

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Seeds, dried - Border inspection activities - Nigeria - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Seeds, dried - Retail - India - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Seeds, dried - Retail - Unknown - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Spices and herbs - dried - Border inspection activities - Mexico - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Vegetables - non-pre-cut - Farm - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	21	0	Salmonella	0
	Vegetables - non-pre-cut - Packing centre - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Vegetables - non-pre-cut - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	111	2	Salmonella enterica, subspecies salamae	1
								Salmonella Newport	1
	Vegetables - pre-cut - ready-to-eat - Processing plant - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	batch (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	6	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Processing plant - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Suspect sampling	batch (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	1	0	Salmonella	0
	Vegetables - pre-cut - ready-to-eat - Retail - Cyprus - food sample - Surveillance - based on Regulation 2073 - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	65	1	Salmonella group D	1
	Vegetables - products - Border inspection activities - Lebanon - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	2	0	Salmonella	0
	Vegetables - products - Border inspection activities - Syria - food sample - Surveillance - Official sampling - Objective sampling	batch (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0
	Vegetables - products - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	4	0	Salmonella	0
	Vegetables - products - Retail - Greece - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 6579-1:2017 Salmonella	3	0	Salmonella	0

Table Staphylococcal enterotoxins:STAPHYLOCOCCAL ENTEROTOXINS in food

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Sampling unit	Sample weight	Sample weight unit	Method	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Cheeses, made from mixed milk from cows, sheep and/or goats - unspecified - Retail - Cyprus - food sample - Surveillance - Official sampling - Objective sampling	single (food/feed)	25	Gram	ISO 19020:2017 Staphylococcal enterotoxins	1	0	Staphylococcal enterotoxins	0

Table Trichinella:TRICHINELLA in animal

Area of Sampling	Matrix - Sampling stage - Sampling origin - Sample type - Sampling context - Sampler - Sampling strategy	Method	Sampling unit	Total units tested	Total units positive	Zoonoses	N of units positive
Not Available	Foxes - wild - Natural habitat - Cyprus - animal sample - organ/tissue - Surveillance - Official sampling - Convenient sampling	Magnetic stirrer method for pooled sample digestion	animal	117	0	Trichinella	0
	Pigs - breeding animals - not raised under controlled housing conditions - sows and boars - Slaughterhouse - Cyprus - animal sample - organ/tissue - Surveillance - Official sampling - Census	Magnetic stirrer method for pooled sample digestion	animal	10406	0	Trichinella	0
	Pigs - fattening pigs - not raised under controlled housing conditions - Slaughterhouse - Cyprus - animal sample - organ/tissue - Surveillance - Official sampling - Census	Magnetic stirrer method for pooled sample digestion	animal	558441	0	Trichinella	0

FOODBORNE OUTBREAKS TABLES

Foodborne Outbreaks: summarized data

No data returned for this view. This might be because the applied filter excludes all data.

Strong Foodborne Outbreaks: detailed data

No data returned for this view. This might be because the applied filter excludes all data.

Weak Foodborne Outbreaks: detailed data

No data returned for this view. This might be because the applied filter excludes all data.

ANTIMICROBIAL RESISTANCE TABLES FOR CAMPYLOBACTER

ANTIMICROBIAL RESISTANCE TABLES FOR SALMONELLA

Table Antimicrobial susceptibility testing of Salmonella group O:7 in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Cyprus

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.03										1					
0.064							1								
<=0.25				1											
<=0.5					1										
0.5															1
<=1								1							
1									1					1	
4		1											1		
16			1								1				
32						1									
64												1			

Table Antimicrobial susceptibility testing of Salmonella London in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Cyprus

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015							2								
<=0.03										2					
<=0.25				2											
<=0.5					2				2						
0.5														2	2
<=1		2						2							
<=2													2		
<=4											2				
4			2												
<=8						2									
64												2			

Table Antimicrobial susceptibility testing of Salmonella Typhimurium in Meat from pig - carcase

Sampling Stage: Slaughterhouse

Sampling Type: food sample - carcase swabs

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Cyprus

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.5**	**2**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**256**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**
<=0.03										1					
0.03							1								
<=0.25				1										1	
<=0.5					1				1						
0.5															1
<=1								1							
<=4											1				
8			1												
64													1		
>64		1													
>128						1									
>1024												1			

ANTIMICROBIAL RESISTANCE TABLES FOR INDICATOR ESCHERICHIA COLI

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method:

Country of Origin: Cyprus

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid		Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	Not Available	Not Available	Positive/Present	Negative/Absent	Not Available	Not Available	Not Available		Not Available	Not Available	Not Available	Not Available
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Positive/Present	Negative/Absent	Not Available	Not Available	Not Available	Not Available
	ECOFF	0.125	0.25	0.25	0.25	8	0.5	0.5	0.5	0.06	0.5	0.125	32
	Lowest limit	0.064	0.25	0.064	0.064	0.5	0.25	0.12	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	64	128	128	128	2	16	16	64
	N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5
MIC	N of resistant isolates	4	5	3	3	3	5	3	3	0	0	0	0
<=0.015										1			
<=0.03												5	
0.03										4			
<=0.064				2									
<=0.12								1			2		
0.12		1											
0.25		2						1			2		
0.5		1									1		
2			1		1	1							
4					2	1			2				1
8			3				2		1				3
16							3						1
32		1											

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid		Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid		Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	Not Available	Not Available	Positive/Present	Negative/Absent	Not Available	Not Available	Not Available		Not Available	Not Available	Not Available	Not Available
	Ceftazidime synergy test	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Positive/Present	Negative/Absent	Not Available	Not Available	Not Available	Not Available
	ECOFF	0.125	0.25	0.25	0.25	8	0.5	0.5	0.5	0.06	0.5	0.125	32
	Lowest limit	0.064	0.25	0.064	0.064	0.5	0.25	0.12	0.12	0.015	0.12	0.03	0.5
	Highest limit	32	64	64	64	64	128	128	128	2	16	16	64
	N of tested isolates	5	5	5	5	5	5	5	5	5	5	5	5
MIC	N of resistant isolates	4	5	3	3	3	5	3	3	0	0	0	0
64						2							
>64			1			1							

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from bovine animals - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Cyprus

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**64**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
MIC	**N of resistant isolates**	**5**	**1**	**5**	**5**	**2**	**4**	**0**	**1**	**0**	**3**	**4**	**4**	**0**	**4**
<=0.03										5					
0.03							1								
<=0.25														3	
<=0.5									2						
0.5							1							2	
<=1								5							
1									1						1
2				1					1						
<=4											1				
4			1	3	1								1		
>4				1											
<=8						2									
8			2		2						1				
>8					2		3								
16			1			1			1						
32												1			
>32															4
64			1			1							1		
>64		5											3		
>128						1					3				
>1024												4			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON pnl2

Analytical Method:

Country of Origin: Cyprus

	AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid	Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid	Ertapenem	Imipenem	Meropenem	Temocillin
	Cefotaxime synergy test	**Not Available**	**Not Available**	**Negative/Absent**	**Not Available**	**Not Available**	**Not Available**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
	Ceftazidime synergy test	**Not Available**	**Not Available**	**Not Available**	**Not Available**	**Not Available**	**Negative/Absent**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
	ECOFF	**0.125**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.06**	**0.5**	**0.125**	**32**
	Lowest limit	**0.064**	**0.25**	**0.064**	**0.5**	**0.25**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
	Highest limit	**32**	**64**	**64**	**64**	**128**	**128**	**2**	**16**	**16**	**64**
	N of tested isolates	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**1**
MIC	**N of resistant isolates**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
<=0.015								1			
<=0.03										1	
<=0.064		1		1							
<=0.12							1				
<=0.25			1			1					
0.25									1		
2					1						
8											1

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: AMR MON

Analytical Method:

Country of Origin: Cyprus

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**64**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**
MIC	**N of resistant isolates**	**36**	**7**	**0**	**0**	**31**	**12**	**0**	**5**	**0**	**5**	**47**	**50**	**0**	**40**
<=0.015							39								
<=0.03										56					
0.03							4								
0.064							2								
0.12							2			1					
<=0.25				57										53	11
0.25							6								
<=0.5					57				32						
0.5							3							4	3
<=1								57							
1									17						2
<=2			1										6		
2	5								3						1
<=4											45				
4	15	18							1				1		
<=8						24						3			
8	1	26					1				3				
16	2	5				2			1		4	5			
32		2				4			1			1			1
>32									2						39
64	1					5					2	1	7		
>64	33	5											43		
128						6					2				

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**64**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**	**57**
MIC	**N of resistant isolates**	**36**	**7**	**0**	**0**	**31**	**12**	**0**	**5**	**0**	**5**	**47**	**50**	**0**	**40**
>128						16					1				
>1024												47			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method:

Country of Origin: Cyprus

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid		Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid		Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	**Not Available**	**Not Available**	**Positive/Present**	**Negative/Absent**	**Not Available**	**Not Available**	**Not Available**		**Not Available**	**Not Available**	**Not Available**	**Not Available**
Ceftazidime synergy test	**Not Available**	**Not Available**	**Not Available**	**Not Available**	**Not Available**	**Not Available**	**Positive/Present**	**Negative/Absent**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
ECOFF	**0.125**	**0.25**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.5**	**0.06**	**0.5**	**0.125**	**32**
Lowest limit	**0.064**	**0.25**	**0.064**	**0.064**	**0.5**	**0.25**	**0.12**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
Highest limit	**32**	**64**	**64**	**64**	**64**	**128**	**128**	**128**	**2**	**16**	**16**	**64**
N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
N of resistant isolates	**1**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
MIC												
<=0.015									2			
<=0.03											3	
0.03									1			
<=0.064	2		1	2								
<=0.12							1	2		2		
<=0.25		2				2						
0.25										1		
1						1						
2					1							
4					1							2
8	1				1							1
32		1										

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Pigs - fattening pigs

Sampling Stage: Slaughterhouse

Sampling Type: animal sample - caecum

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Cyprus

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**64**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
MIC	**N of resistant isolates**	**2**	**0**	**1**	**1**	**2**	**1**	**0**	**0**	**0**	**1**	**2**	**2**	**0**	**2**
<=0.015							2								
<=0.03										3					
<=0.25				2										3	1
<=0.5					2				3						
<=1								3							
<=2													1		
2					1										
<=4											2				
4		1	2												
>4				1											
<=8						1									
8			1												
>8							1								
16												1			
>32															2
>64		2											2		
128						1									
>128						1					1				
>1024												2			

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from pig - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON pnl2

Analytical Method:

Country of Origin: Cyprus

AM substance	Cefepime	Cefotaxim	Cefotaxime + Clavulanic acid		Cefoxitin	Ceftazidim	Ceftazidime + Clavulanic acid		Ertapenem	Imipenem	Meropenem	Temocillin
Cefotaxime synergy test	**Not Available**	**Not Available**	**Positive/Present**	**Negative/Absent**	**Not Available**	**Not Available**	**Not Available**		**Not Available**	**Not Available**	**Not Available**	**Not Available**
Ceftazidime synergy test	**Not Available**	**Not Available**	**Not Available**	**Not Available**	**Not Available**	**Not Available**	**Positive/Present**	**Negative/Absent**	**Not Available**	**Not Available**	**Not Available**	**Not Available**
ECOFF	**0.125**	**0.25**	**0.25**	**0.25**	**8**	**0.5**	**0.5**	**0.5**	**0.06**	**0.5**	**0.125**	**32**
Lowest limit	**0.064**	**0.25**	**0.064**	**0.064**	**0.5**	**0.25**	**0.12**	**0.12**	**0.015**	**0.12**	**0.03**	**0.5**
Highest limit	**32**	**64**	**64**	**64**	**64**	**128**	**128**	**128**	**2**	**16**	**16**	**64**
N of tested isolates	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**
MIC **N of resistant isolates**	**3**	**4**	**2**	**2**	**2**	**4**	**2**	**2**	**0**	**0**	**0**	**0**
<=0.015									2			
<=0.03											4	
0.03									2			
<=0.064			2									
<=0.12							2			3		
0.12	1											
0.25	2									1		
1						1						
2		1										
4	1	1		1	2	1		2				2
8		1		1		1						2
16						1						
64		1			2							

Table Antimicrobial susceptibility testing of Escherichia coli, non-pathogenic, unspecified in Meat from pig - fresh

Sampling Stage: Retail

Sampling Type: food sample - meat

Sampling Context: Monitoring

Sampler: Official sampling

Sampling Strategy: Objective sampling

Programme Code: ESBL MON

Analytical Method:

Country of Origin: Cyprus

	AM substance	Ampicillin	Azithromycin	Cefotaxim	Ceftazidim	Chloramphenicol	Ciprofloxacin	Colistin	Gentamicin	Meropenem	Nalidixic acid	Sulfamethoxazole	Tetracycline	Tigecycline	Trimethoprim
	ECOFF	**8**	**16**	**0.25**	**0.5**	**16**	**0.064**	**2**	**2**	**0.125**	**16**	**64**	**8**	**1**	**2**
	Lowest limit	**1**	**2**	**0.25**	**0.5**	**8**	**0.015**	**1**	**0.5**	**0.03**	**4**	**8**	**2**	**0.25**	**0.25**
	Highest limit	**64**	**64**	**4**	**8**	**128**	**8**	**16**	**32**	**16**	**128**	**1024**	**64**	**8**	**32**
	N of tested isolates	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**	**4**
MIC	**N of resistant isolates**	**4**	**1**	**4**	**4**	**2**	**3**	**0**	**1**	**0**	**3**	**3**	**3**	**0**	**4**
<=0.015							1								
<=0.03										4					
<=0.25														4	
<=0.5									1						
<=1								4							
1					1				2						
<=2													1		
2				1			1								
<=4											1				
4			2	1					1						
>4				2											
<=8						2						1			
8			1		2		2								
>8					1										
32			1										1		
>32															4
>64		4											2		
128						1									
>128						1					3				
>1024												3			

OTHER ANTIMICROBIAL RESISTANCE TABLES

Specific monitoring of ESBL-/AmpC-/carbapenemase-producing bacteria and specific monitoring of carbapenemase-producing bacteria, in the absence of isolate detected

No data returned for this view. This might be because the applied filter excludes all data.

European Food Safety Authority

Latest Transmission set

Table Name	Last submitted dataset transmission date
Antimicrobial Resistance	22-Dec-2018
Animal Population	25-Jul-2018
Disease Status	25-Jul-2018
Prevalence	25-Jul-2018

Institutions and Laboratories involved in zoonoses monitoring and reporting

Cyprus Veterinary Services Laboratories

Pathology, Bacteriology and parasitology Laboratory

Diagnostic and Research Labs for the control of Food of Animal Origin (LCFAO)

Short description of the institutions and laboratories involved in data collection and reporting

Animal population

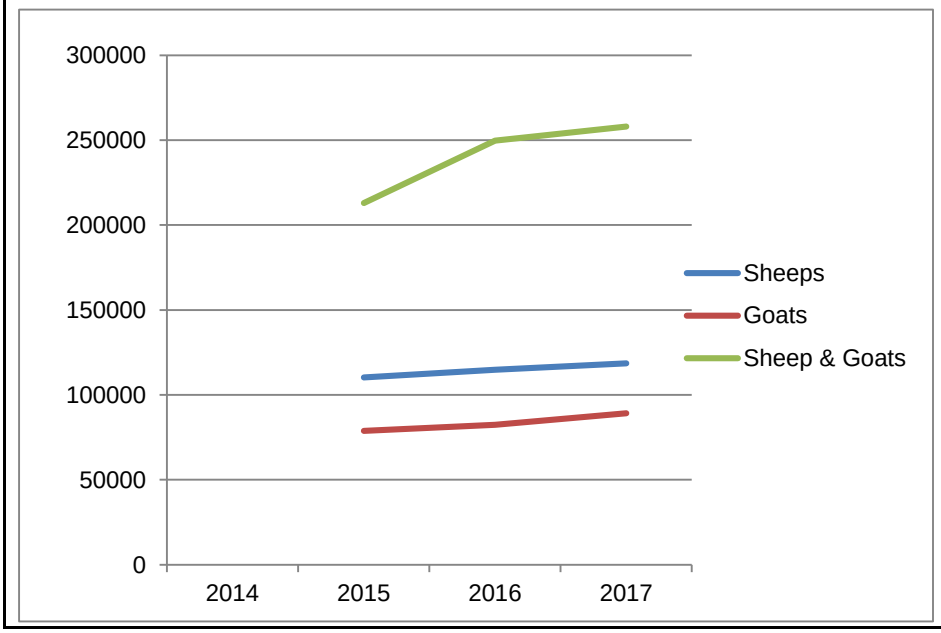
1. Sources of information and the date(s) (months, years) the information relates to[(a)]

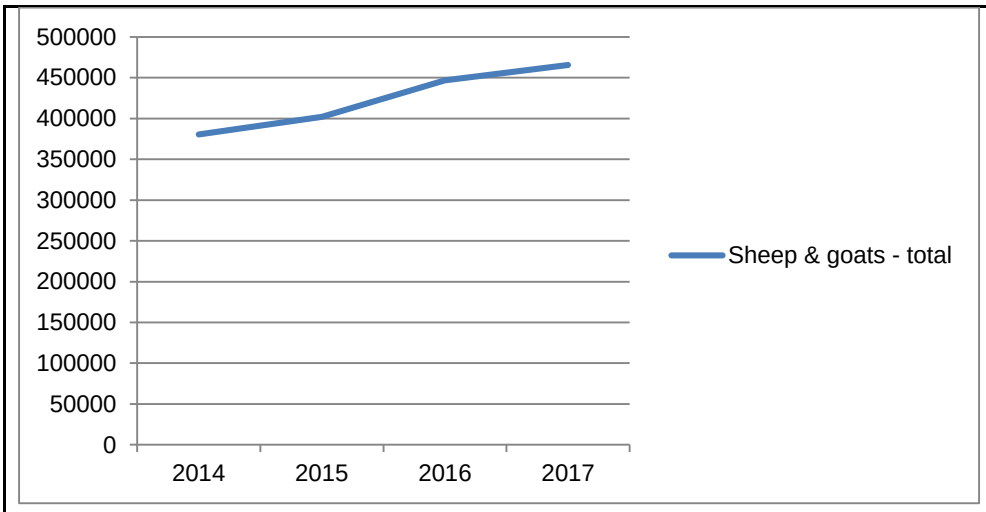
The information relates caprine, ovine and bovine population is obtained from the Veterinary Services (VS) database of the Animal Identification and registration Scheme. The information relates to Gallus - gallus population is obtained from Department of Agriculture (DA).

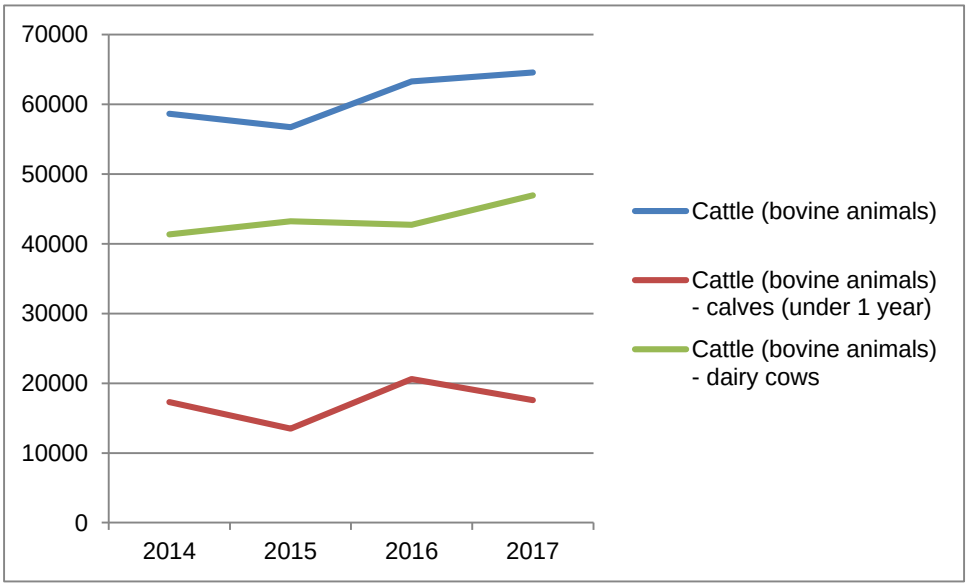
2. Definitions used for different types of animals, herds, flocks and holdings as well as the production types covered

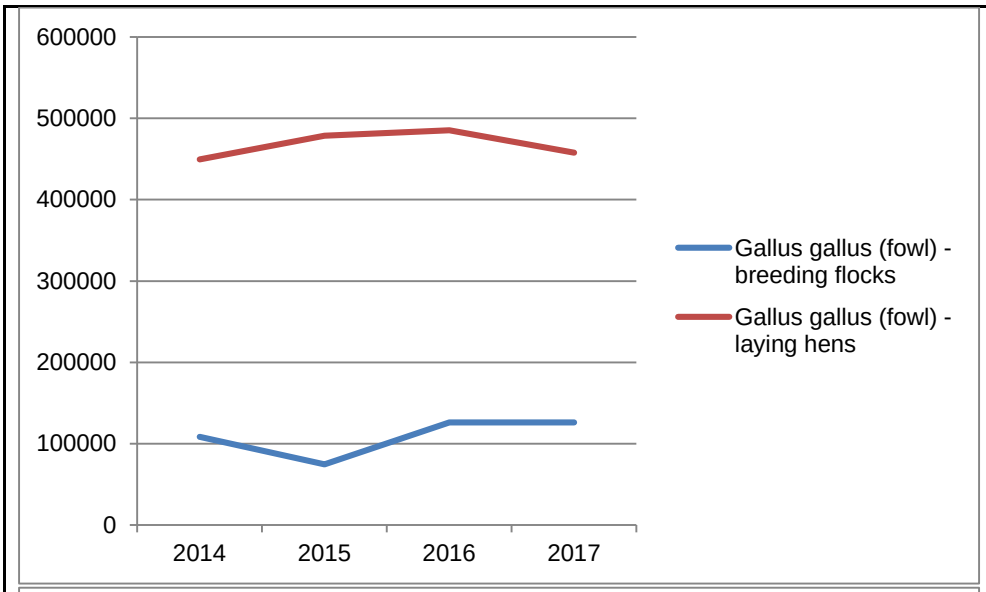
Definitions used for bovine, caprine and ovine animals are holdings (each holding is an epidemiologic unit). The flock definition is used for gallus – gallus (broiler farms, laying farms and breeding farms).

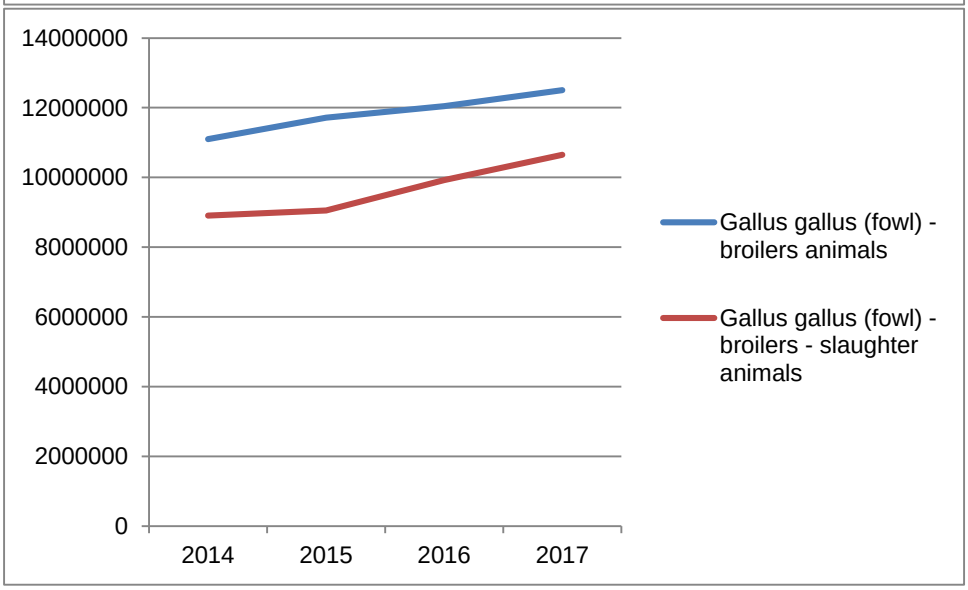
3. National changes of the numbers of susceptible population and trends

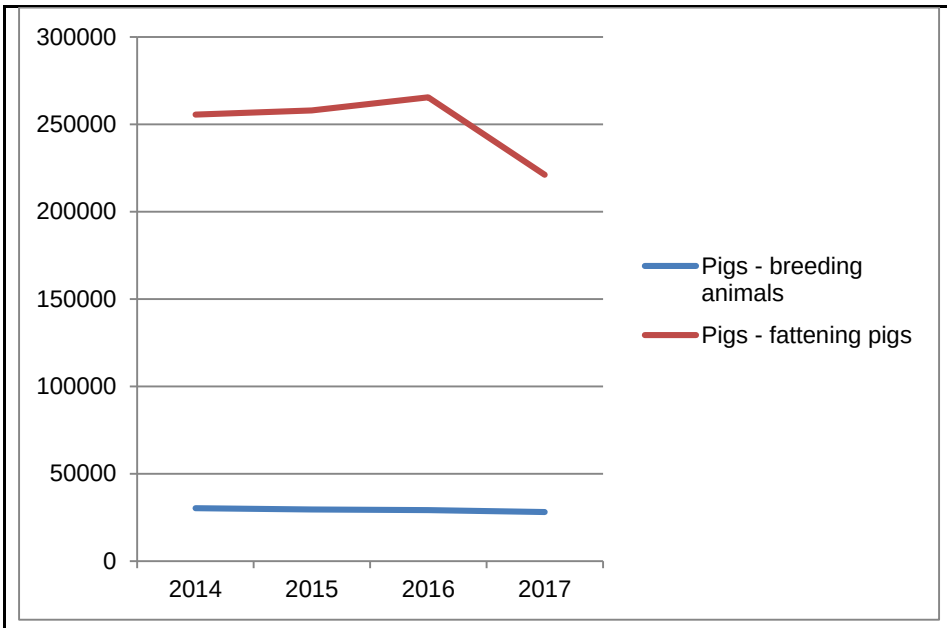



500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
2014
2015
2016
2017
Sheep & goats - total


70000
60000
50000
40000
30000
20000
10000
0
2014
2015
2016
2017
Cattle (bovine animals)
Cattle (bovine animals) - calves (under 1 year)
Cattle (bovine animals) - dairy cows


600000
500000
400000
300000
200000
100000
0
2014
2015
2016
2017
Gallus gallus (fowl) - breeding flocks
Gallus gallus (fowl) - laying hens


14000000
12000000
10000000
8000000
6000000
4000000
2000000
0
2014
2015
2016
2017
Gallus gallus (fowl) - broilers animals
Gallus gallus (fowl) - broilers - slaughter animals



		2014	2015	2016	2017
Matrix	**Unit**			**Population**	
Sheep	Holdings		867	820	791
Sheep	Animals		110288	114882	118521
Goats	Holdings		1053	1046	1034
Goats	Animals		78908	82338	89175
Sheep and goats	Holdings	2921	1105	1186	1125
Sheep and goats	Animals		212917	249769	257974
Sheep - animals over 1 year	Animals		193872	211657	205884
Sheep - animals under 1 year (lambs)	Animals		37053	41608	41718
Goats - animals over 1 year	Animals		143721	160337	153190
Goats - animals under 1 year	Animals		27467	30971	38325
Cattle (bovine animals)	Holdings	344	312	365	363
Cattle (bovine animals)	Animals	58665	56723	63307	64566
Cattle (bovine animals) - calves (under 1 year)	Animals	17319	13484	20589	17596
Cattle (bovine animals) - dairy cows	Animals	41346	43239	42728	46970
Gallus gallus (fowl) - breeding flocks	Holdings	12	12	13	9
Gallus gallus (fowl) - breeding flocks	Flocks	39	36	43	29
Gallus gallus (fowl) - breeding flocks	Animals	108450	74780	125992	125992
Gallus gallus (fowl) - laying hens	Holdings	34	37	37	36
Gallus gallus (fowl) - laying hens	Flocks	110	126	137	134

Gallus gallus (fowl) - laying hens	Animals	449370	478600	485495	457920
Gallus gallus (fowl) - broilers	Holdings	94	82	88	81
Gallus gallus (fowl) - broilers	Flocks	1184	1079	1030	1163
Gallus gallus (fowl) - broilers	Animals	11099200	11718400	12041000	12499500
Gallus gallus (fowl) - broilers	slaughter animal (heads)	8904894	9050410	9922332	10648214
Turkeys - meat production flocks	Holdings		7	7	6
Turkeys - meat production flocks	Flocks		10	9	10
Turkeys - meat production flocks	Animals	28600	29300	28980	35572
Turkeys - meat production flocks	slaughter animal (heads)	23015	13232	21077	19286
Pigs	Holdings	77	70	72	78
Pigs - breeding animals	Animals	30181	29491	29071	28124
Pigs - fattening pigs	Animals	255576	258027	265529	221090

4. Geographical distribution and size distribution of the herds, flocks and holdings[(b)]

	District	Nicosia				Paphos				Larnaca				Ammochostos				Lemesos			
	Year	2014	2015	2016	2017	2014	2015	2016	2017	2014	2015	2016	2017	2014	2015	2016	2017	2014	2015	2016	2017
Matrix	Unit	Population																			

Goats - animals over 1 year	Sheep - animals under 1 year	Sheep - animals over 1 year	Sheep and goats	Sheep and goats	Goats	Goats	Sheep	Sheep
Animals	Animals	Animals	Animals	Holdings	Animals	Holdings	Animals	Holdings
31231	20478	46393	69489	285	17035	224	25413	147
32425	21173	47087	70559	298	15065	214	26963	152
32052	16397	47784	61312	293	17099	227	29359	152
31774	14542	48746	59662	272	18041	215	25413	147
43288	10462	23951	50964	213	28101	298	13481	96
42790	12613	23840	52266	216	29141	286	14152	93
43599	9070	25250	49850	205	25393	264	15004	100
43695	8002	25775	48482	186	26428	262	15200	98
24906	29476	68056	78223	286	14654	180	40530	220
26212	24837	69670	77076	280	14714	176	39977	221
26300	25275	69435	77895	279	13502	156	40020	226
29535	21702	73640	80445	265	13988	162	41039	225
6915	15800	30085	26948	143	3847	114	25454	185
6593	14482	30967	25825	147	3511	116	26086	190
7095	12078	31464	24547	152	3996	107	25775	190
8441	11552	32972	27034	143	4656	112	24669	182
35370	14348	25686	51090	247	22558	249	17664	127
36125	15103	24004	44855	223	27977	259	21302	140
39151	10827	24922	40140	203	31547	274	19049	144
40314	8874	25291	37232	202	33084	215	19030	128

Gallus gallus (fowl) - breeding flocks	Cattle (bovine animals) - dairy cows	Cattle (bovine	Cattle (bovine animals)	Cattle (bovine animals)	Goats - animals under 1 year
Holdings	Animals	Animals	Animals	Holdings	Animals
12	13201	6515	19716	103	13835
12	13809	6439	20248	108	11902
13	14329	6538	20867	109	11537
9	15312	6690	22002	109	11801
-	1014	431	1445	39	14845
-	1062	418	1480	39	16316
-	934	347	1281	36	12328
-	899	427	1326	36	12638
-	18935	7693	26628	105	10969
-	18629	7210	25839	104	11048
-	19260	8236	27496	105	10407
-	20602	8659	29261	107	10595
-	6852	3679	10531	50	3449
-	6912	3568	10480	48	3380
-	7197	3610	10861	49	3681
-	7708	3890	11598	49	3394
-	2602	1497	4099	34	15908
-	2707	1343	4050	29	18902
-	2627	1430	4057	43	15836
-	2855	1523	4378	43	14867

Pigs - fattening pigs	Pigs - breeding animals	Pigs	Gallus gallus (fowl) - broilers	Gallus gallus (fowl) - breeding flocks	Gallus gallus (fowl) - breeding flocks
Animals	Animals	Holdings	Animals	Animals	Flocks
160126	20099	39	6749800	108450	39
160242	18505	39	7148224	74780	36
162238	17083	36	7345010	125992	43
158618	19415	42	7624695	125992	29
-	-	-	455210	-	-
-	-	-	468736	-	-
		2	481640	-	-
		2	499980	-	-
71280	8142	26	2499550	-	-
72280	8807	22	2812416	-	-
63381	8051	24	2889840	-	-
56585	7462	24	2999880	-	-
10090	610	4	695500	-	-
10500	766	5	703104	-	-
11483	723	5	722460	-	-
3105	795	5	749970	-	-
14080	1330	8	535940	-	-
15005	1413	4	585920	-	-
28420	3076	5	602050	-	-
2761	422	5	624975	-	-

Write text here please

5. Additional information

Write text here please

(a): National identification and registration system(s), source of reported statistics (Eurostat, others)
(b): Link to website with density maps if available, tables with number of herds and flocks according to geographical area

General evaluation*: Salmonella spp in animal populations with control programmes set by EU legislation
1. History of the disease and/or infection in the country[(a)]
Since 2008 a national program for the control of Salmonella has been in force throughout the area of the island that is under the effective control of the Government of Cyprus. Samples taken in the framework of the programme by the Veterinary Services, are analysed at the Veterinary Services Laboratories Pathology, Bacteriology, Parasitology Laboratory, for Salmonella isolation and Laboratory for Food Control of Animal Origin- National Reference Laboratory for Salmonella, for serotyping. Since 2014 no Salmonella Enteritidis or Salmonella Typhimurium (including monophasic ST 1,4,[5],12:i:-) was detected in breeding and laying hens. Regarding broilers the last case of Salmonella Typhimurium (monophasic) was in June of 2014.
2. Evaluation of status, trends and relevance as a source for humans
Write text here please
3. Any recent specific action in the Member State or suggested for the European Union[(b)]
Write text here please
4. Additional information
* **For each zoonotic agent** (a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country (b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: Breeding flocks – adult/ Salmonella spp in animal populations with control programmes set by EU legislation

1. Monitoring/Surveillance/Control programmes system[(a)]

Samplings are performed at the holding level as follows: Three times during the laying phase at the holding (within four weeks at the beginning, within eight weeks before the end and a third one in between). Every case of a positive salmonella spp result is immediately notified to the District Veterinary Offices and the Rural Veterinary Stations in order to take measures and to the Animal and Welfare Division. All the sampling results and other information including all relevant documents are notified to AHWD without delay and recorded in a central database for the monitoring and supervision of the programme. This information include also dates of all the epidemiological investigations that took place in every case, number of infected birds/eggs destroyed ,letters sent to owners to take measures etc.
Samples from own checks are examined by the approved for the Salmonella programmes private laboratories. Results are communicated to the Veterinary Services and a rejection/acceptance protocol for each individual results report (results evaluation protocol) is in place for both own-check and official samples. The District Veterinary Offices and the Rural Veterinary Stations apply the results evaluation protocol for the results reports of the own checks, while the Animal Health and Welfare Division applies the results evaluation protocol for the results reports of the official controls. The District Veterinary Offices and the Rural Veterinary Stations are responsible also for the follow up of the implementation of the own checks for each flock. The Animal Health and Welfare Division is also performing once a year follow up's of the implementation of the own checks for each flock in order to supervise the District Veterinary Offices and the Rural Veterinary Stations .In addition, the internal Audit Section performs internal audits.
Please click on the following link with all the relevant information of the programme approved by EU.
https://ec.europa.eu/food/sites/food/files/safety/docs/cff_animal_vet-progs_2017-8_dec-2016-2444-ec_salmonella_breeding_gal_cyp.pdf

2. Measures in place[(b)]

If the analysis of samples of a breeding flock detects the presence of Salmonella Enteritidis or Salmonella Typhimurium (including monophasic ST 1,4,[5],12:i:-) in the flock, provisions of Part C of Annex II to Regulation (EC) No 2160/2003 apply. In particular, all birds in the flock, day-old chicks, non-incubated and hatching eggs from infected flocks are destroyed.
Preventive measures are taken as soon as there is Salmonella Hadar, Infantis or Virchow. In order to strengthen and enhance the biosecurity measures already in place ,official Veterinarians are reviewing the biosecurity measures in the farm, monitor the procedures and measures taken to reduce or eliminate the infection and perform epidemiological investigation to identify the potential sources of infection in the farm. There is no national legal basis for any measures to apply for animals and eggs if SI/SV/SH is detected. Furthermore, we would like to mention that since 2013 until today no SH/SV/SI was detected in breeding flocks in official and own checks
Please click on the following link with all the relevant information of the programme approved by EU.
https://ec.europa.eu/food/sites/food/files/safety/docs/cff_animal_vet-progs_2017-8_dec-2016-2444-ec_salmonella_breeding_gal_cyp.pdf

3. Notification system in place to the national competent authority[(c)]

Any case of isolation of Salmonella in poultry is compulsory to notify without delay to the Veterinary Services of the Republic of Cyprus, according to the Animal Health Law of 2001.There is no private laboratory which performs serotyping. Isolates form FBO checks are sent to the official laboratory for serotyping.

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

Write text here please

5. Additional information

Write text here please

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Description of Monitoring/Surveillance/Control programmes system*: laying hens - adult/ Salmonella spp in animal populations with control programmes set by EU legislation

1. Monitoring/Surveillance/Control programmes system[(a)]

Routine official sampling scheme: EU minimum requirements are implemented i.e. official sampling are performed:

■ in one flock per year per holding comprising at least 1,000 birds;

■ at the age of 24 +/- 2 weeks in laying flocks housed in buildings where the relevant Salmonella was detected in the preceding flock;

■ in any case of suspicion of Salmonella infection when investigating foodborne outbreaks in accordance with Article 8 of Directive 2003/99/EC or any cases where the competent authority considers it appropriate, using the sampling protocol laid down in point 4(b) of Part D to Annex II to Regulation (EC) No 2160/2003;

■ in all other laying flocks on the holding in case Salmonella Enteritidis or Salmonella Typhimurium is detected in one laying flock on the holding;

■ in cases where the competent authority considers appropriate.

Samples at the initiative of the FBOs will be taken and analysed to test for the target *Salmonella* serovars respecting the following minimum sampling requirements:

a. Rearing flocks: day-old chicks, two weeks before moving to laying phase or laying unit

b. Adults laying flocks: every 15 weeks during the laying period

Every case of a positive salmonella spp result is immediately notified to the District Veterinary Offices and the Rural Veterinary Stations in order to take measures and to the Animal and Welfare Division. All the sampling results and other information including all relevant documents are notified to AHWD without delay and recorded in a central database for the monitoring and supervision of the programme. This information include also dates of all the epidemiological investigations that took place in every case, number of infected birds/eggs destroyed ,letters sent to owners to take measures etc.

Samples from own checks are examined by the approved for the Salmonella programmes private laboratories. Results are communicated to the Veterinary Services and a rejection/acceptance protocol for each individual results report (results evaluation protocol) is in place for both own-check and official samples. The District Veterinary Offices and the Rural Veterinary Stations apply the results evaluation protocol for the results reports of the own checks, while the Animal Health and Welfare Division applies the results evaluation protocol for the results reports of the official controls. The District Veterinary Offices and the Rural Veterinary Stations are responsible also for the follow up of the implementation of the own checks for each flock. The Animal Health and Welfare Division is also performing once a year follow up's of the implementation of the own checks for each flock in order to supervise the District Veterinary Offices and the Rural Veterinary Stations . In addition, the internal Audit Section performs internal audits.

Please click on the following link with all the relevant information of the programme approved by EU.
https://ec.europa.eu/food/sites/food/files/safety/docs/cff_animal_vet-progs_2017-8_dec-2016-2444-ec_salmonella_laying_gg_cyp.pdf

2. Measures in place[(b)]

In case of a targeted Salmonella sevorar is detected in a flock the main measures of the programme are destruction of flocks and eggs, disinfections of the infected houses and egg package centers with microbiological confirmation, hygiene gap of 21 days for restocking and manure destruction or disinfection

Please click on the following link with all the relevant information of the programme approved by EU.
https://ec.europa.eu/food/sites/food/files/safety/docs/cff_animal_vet-progs_2017-8_dec-2016-2444-ec_salmonella_laying_gg_cyp.pdf

3. Notification system in place to the national competent authority[(c)]

Any case of isolation of Salmonella in poultry is compulsory to notify without delay to the Veterinary Services of the Republic of Cyprus, according to the Aninal Health Law of 2001.There is no private laboratory which performs serotyping. Isolates form FBO checks are sent to the official laboratory for serotyping.

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

5. Additional information

Write text here please

* **For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Description of Monitoring/Surveillance/Control programmes system*: Broilers - before slaughter/turkeys- Salmonella spp in animal populations with control programmes set by EU legislation

1. Monitoring/Surveillance/Control programmes system[(a)]

In the context of the implementation of the NSCP, at least 10% of the broiler/turkeys holdings existing (that have more than 5000 birds for broilers and more than 500 for turkeys) are officially controlled and sampled every year by the official veterinary authorities. Sampling at the initiative of the FBO complies with the minimum sampling requirements laid down in part B of annex II to Regulation (EC) No 2160/2003 and in point 2 of annex to Reg. (EC) No 200/2012. The results of the analysis of the samples taken by the FBOs must be known before the birds are sent to the slaughterhouse. These results are part of the FCI, which accompanies the birds to the slaughterhouse Annex II, Section III of Regulation (EC) No 852/2004 (FCI)

2. Measures in place[(b)]

The FCI information is checked at the slaughterhouse by the official veterinarian of the slaughterhouse and in case of positive SE/ST results, provisions of annex of Reg. (EC) No 1086/2011 are applied(Row 1.28 of Chapter I of Annex I to Regulation (EC) No 2073/2005: absence of SE and ST in 5 samples of 25g of fresh poultry meat)
The carcasses of the poultry from the positive flock are subjected to sampling for salmonella detection, by the food business operators of slaughterhouses in accordance with Annex I to Regulation (EC) No 1086/2011.
If the salmonella test results are positive for S. Enteritidis/S. Typhimurium or S. Typhimurium (1,4,[5],12:i:-), the products from these poultry may be placed on the market for human consumption after heat treatment, in accordance with applicable law on food hygiene. If such products are not intended for human consumption, they must be used or disposed of in accordance with Regulation (EC) No 1069/2009.

3. Notification system in place to the national competent authority[(c)]

Any case of isolation of Salmonella in poultry is compulsory to notify without delay to the Veterinary Services of the Republic of Cyprus, according to the Animal Health Law of 2001.There is no private laboratory which performs serotyping. Isolates form FBO checks are sent to the official laboratory for serotyping.

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

Write text here please

5. Additional information

Write text here please

* **For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.
(d): Minimum five years.
(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Description of Monitoring/Surveillance/Control programmes system*: Salmonella

1. Monitoring/Surveillance/Control programmes system[(a)]

Sampling Scheme: A sampling annual control program is implemented by the Veterinary Services.
It is an objective sampling. Samples of products (Minced meat and meat preparations intended to be eaten raw, Minced meat and meat preparations made from poultry meat intended to be eaten cooked, Minced meat and meat preparations made from other species than poultry intended to be eaten cooked, Meat products intended to be eaten raw, excluding products where the manufacturing process or the composition of the product will eliminate the salmonella risk, Meat products made from poultry meat intended to be eaten cooked, Cheeses, butter and cream made from raw milk or milk that has undergone a lower heat treatment than pasteurisation, Carcases of cattle, sheep, goats, pigs, Poultry carcases of broilers and turkeys), are collected by the Food Business on risk based twice per year. Suspension sampling: a sampling is carried out when there is a suspension of presence of Salmonella in the establishment.
Sampling stage: the sampling is taken place in food business (processing plant).
Sampler: the sampling is performed by the Veterinary Services.
Description of sampling techniques: the size is composed by 5 subsamples; each one is one pack of final product. The samples are storage in cooling box.
Testing scheme: the diagnostic method used EN/ISO 6579

Write text here please

2. Measures in place[(b)]

When Salmonella is a safety criteria the following measures are in place

- **seizure and destruction of the batch,**
- **suspension of operation of the establishment**
- **corrective action by the FBO**
- **Suspension sampling: sampling of a new batch by the same product and / or different product.**
- **Withdrawal and Recall**

When Salmonella is hygiene criteria the FBO takes improvements in slaughter hygiene.

Write text here please

3. Notification system in place to the national competent authority[(c)]

Not Mandatory
Write text here please

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

There are no results of investigation
Write text here please

5. Additional information

-
Write text here please

* **For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

General evaluation*: Listeria monocytogenes in donkey milk
1. History of the disease and/or infection in the country[(a)]
There no records on L. Monocytogenes disease/ infection in Cyprus. Write text here please
2. Evaluation of status, trends and relevance as a source for humans
Not applicable Write text here please
3. Any recent specific action in the Member State or suggested for the European Union[(b)]
Not applicable Write text here please
4. Additional information
No Write text here please
* **For each zoonotic agent** (a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country (b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: L. Monocytogenes

1. Monitoring/Surveillance/Control programmes system[(a)]

Sampling Scheme: A sampling annual control program is implemented by the Veterinary Services.
It is an objective sampling. Samples of donkey milk are collected by the Food Business on risk based twice per year. Suspension sampling: a sampling is carried out when there is a suspension of presence of L. Monocytogenes in the establishment.
Sampling stage: the sampling is taken place in food business (processing plant).
Sampler: the sampling is performed by the Veterinary Services.
Description of sampling techniques: the size is composed by 5 subsamples; each one is one pack of final product. The samples are storage in cooling box.
Testing scheme: the diagnostic method used EN/ISO 11290-1

Write text here please

2. Measures in place[(b)]

When L. Monocytogenes is present the following measures are in place

- **seizure and destruction of the batch,**
- **suspension of operation of the establishment**
- **corrective action by the FBO**
- **Suspension sampling: sampling of a new batch by the same product and / or different product.**
- **Withdrawal and Recall**

Write text here please

3. Notification system in place to the national competent authority[(c)]

Not Mandatory
Write text here please

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

There are no results of investigation
Write text here please

5. Additional information

-
Write text here please

* **For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.
(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.
(c): Mandatory: Yes/No.
(d): Minimum five years.
(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

General evaluation*: Campylobacter in donkey milk
1. History of the disease and/or infection in the country[(a)]
There no records on Campylobacter disease/ infection in Cyprus. Write text here please
2. Evaluation of status, trends and relevance as a source for humans
Not applicable Write text here please
3. Any recent specific action in the Member State or suggested for the European Union[(b)]
Not applicable Write text here please
4. Additional information
No Write text here please
* **For each zoonotic agent** (a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country (b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: Campylobacter in donkey milk
1. Monitoring/Surveillance/Control programmes system[(a)]
Sampling Scheme: A sampling annual control program is implemented by the Veterinary Services. **It is an objective sampling. Samples of donkey milk are collected by the Food Business on risk based twice per year. Suspension sampling: a sampling is carried out when there is a suspension of presence of Campylobacter in the establishment.**

Sampling stage: the sampling is taken place in food business (processing plant).
Sampler: the sampling is performed by the Veterinary Services.
Description of sampling techniques: the size is composed by 5 subsamples; each one is one pack of final product. The samples are storage in cooling box.
Testing scheme: the diagnostic method used EN/ISO 10272-1

Write text here please

2. Measures in place[(b)]

When Campylobacter is present the following measures are in place

- **seizure and destruction of the batch,**
- **suspension of operation of the establishment**
- **corrective action by the FBO**
- **Suspension sampling: sampling of a new batch by the same product**
- **Withdrawal and Recall**

Write text here please

3. Notification system in place to the national competent authority[(c)]

Not Mandatory
Write text here please

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

There are no results of investigation

Write text here please

5. Additional information

-
Write text here please

* **For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Description of Monitoring/Surveillance/Control programmes system*: Salmonella in donkey milk

1. Monitoring/Surveillance/Control programmes system[(a)]

Sampling Scheme: A sampling annual control program is implemented by the Veterinary Services.
It is an objective sampling. Samples of donkey milk are collected by the Food Business on risk based twice per year. Suspension sampling: a sampling is carried out when there is a suspension of presence of Salmonella in the establishment.
Sampling stage: the sampling is taken place in food business (processing plant).
Sampler: the sampling is performed by the Veterinary Services.
Description of sampling techniques: the size is composed by 5 subsamples; each one is one pack of final product. The samples are storage in cooling box.
Testing scheme: the diagnostic method used EN/ISO 6579

Write text here please

2. Measures in place[(b)]

When Salmonella is present the following measures are in place

- **seizure and destruction of the batch,**
- **suspension of operation of the establishment**
- **corrective action by the FBO**
- **Suspension sampling: sampling of a new batch by the same product**
- **Withdrawal and Recall**

Write text here please

3. Notification system in place to the national competent authority[(c)]

Not Mandatory
Write text here please

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

There are no results of investigation
Write text here please

5. Additional information

-
Write text here please

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.
(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.
(c): Mandatory: Yes/No.
(d): Minimum five years.
(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

General evaluation*: Bovine, sheep & goat brucellosis

1. History of the disease and/or infection in the country[(a)]

Since its establishment, the Republic of Cyprus has applied two eradication programs for Brucellosis. The first program began in 1972 and ended successfully in 1985. Since 1997, sporadic outbreaks of Brucellosis occurred and in 1999 a new eradication program began. From 1999 until October 2004, the United Nations Office for Project Services funded the bi-communal sheep & goat brucellosis eradication program (UNOPS, Cont. No: WSE-PS03-4463). Since the accession of Cyprus to the EU in 2004, the EU co-financed the eradication program which also included the parallel characterization of flocks as brucellosis officially free.

According to Decision (EU) 2015/129, Cyprus is a Member State recognised as officially free of brucellosis (B. melitensis).

Brucella abortus has never been found in Cyprus for the last 84 years. However, Cyprus has applied two eradication programs in her history concerning Brucella melitensis. The first program began in 1972 and ended successfully in 1985. In 2001, an eradication program for Brucella melitensis in cattle started, funded by the United Nations Office for Project Services. Since the accession of Cyprus to the EU in 2004, the EU co-financed the eradication program in cattle for Brucella melitensis until 2011, which also included the parallel characterization of bovine herds as brucellosis officially free, according to Directive 64/432/EEC.

According to Decision (EU) 2017/1910, Cyprus is a Member State recognised as officially bovine brucellosis-free country.

2. Evaluation of status, trends and relevance as a source for humans

Disease absent

3. Any recent specific action in the Member State or suggested for the European Union[(b)]

Not applicable

4. Additional information

Write text here please

* **For each zoonotic agent**

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: Bovine Brucellosis

1. Monitoring/Surveillance/Control programmes system[(a)]

Sampling is carried out in all bovine holdings with more than 10 animals in the farm, in females over 2 years old of age. The samples are taken twice a year, each January and June. The samples are bulk milk and they tested in Bacteriology/Serology Laboratory using the ELISA method. If a positive sample is found, the District Veterinary Officer will be informed immediately in order for all animals over 12 months to be tested.

2. Measures in place[(b)]

Maintenance of the Officially Free Status

3. Notification system in place to the national competent authority[(c)]

Abortions are mandatory notifiable to the National Competent Authority

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

Cyprus had no cases during the last 5 years

5. Additional information

* **For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Description of Monitoring/Surveillance/Control programmes system*: Brucellosis in sheep and goats (B. Melitensis)

1. Monitoring/Surveillance/Control programmes system[(a)]

The target animal population for the program is sheep and goats over 6 months of age in herds kept for breeding and rearing purposes as defined in Κ.Δ.Π. 94/2012. Small / large herds are those with equal or lower / over 60 animals over the age of 6 months.

According to Directive 91/68 / EC, in order to maintain the officially brucellosis-free (Br. Melitensis) Member State status, at least 5% of sheep and goats over the age of six months must be tested.

The sampling is designed on two levels (herd and animal) and stratified in total in 22 layers, by District Office / Station and herd size - as low as 60 animals and over 60 animals. The choice of flocks in these layers is random, two stage, stratified sampling.

2. Measures in place[(b)]

Maintenance of the Officially Free Status

3. Notification system in place to the national competent authority[(c)]

Abortions are mandatory notifiable to the National Competent Authority

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

Cyprus had no cases during the last 5 years

5. Additional information

Prior to the movement of animals from holdings located 3km from the green line, examination for Brucellosis is carried out

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

General evaluation*: Mycobacterium bovis in cattle

1. History of the disease and/or infection in the country[(a)]

It has always been a notifiable in Cyprus and any occurrence of the disease is obligatory notifiable to the Veterinary Services by law. No case has been reported since 1928.

2. Evaluation of status, trends and relevance as a source for humans

No case has been reported due to Mycobacterium bovis during the last 5 years.

3. Any recent specific action in the Member State or suggested for the European Union[(b)]

N/A.

4. Additional information

* **For each zoonotic agent**

(a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country

(b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: Mycobacterium bovis in cattle

1. Monitoring/Surveillance/Control programmes system[(a)]

All bovine animals above the age of six weeks are tested for tuberculosis (TB) by the single intradermal test.

In order a holding to be assigned the TB Official free status (TBOFS), its animals must undergo two consecutive tuberculin tests within a minimum of a six month time interval. A holding retains its TBOFS if all its animals above six weeks of age are subjected to tuberculin testing every year. When a region is declared as Officially Free, then its holdings are tested every two years.

If an animal yields a non-negative reaction to the single intradermal test it is further examined with the comparative intradermal test.

If it yields a non-negative reaction to the second test it is considered positive; the animal is slaughtered, necrotomically examined for TB lesions and samples are taken for laboratory in order to detect M. bovis.

2. Measures in place[(b)]

In case of a positive result, the animal is slaughtered and samples are taken for the laboratory (microbiological) isolation of M. bovis. Movement restrictions are imposed on the herd and the milk must be pasteurized.

If the presence of TB is not confirmed laboratorily, the already applied movement restrictions are lifted following a negative test applied on all animals over six weeks of age. The test is conducted at least 42 days after the removal of the reactors animals.

On the other hand if TB is laboratorily confirmed, movement restrictions are lifted when cleansing and disinfection of the premises and utensils has been completed and all animals over six weeks of age have reacted negatively to at least two consecutive tuberculin tests. The first one conducted not less than 60 days and the second not less than four months and no more than 12 after the removal of the last positive animal.

3. Notification system in place to the national competent authority(c)

It has always been a notifiable in Cyprus and any occurrence of the disease is obligatory notifiable to the Veterinary Services according to the Animal Health Law of 2001.

4. Results of investigations and national evaluation of the situation, the trends (d) and sources of infection(e)

Tuberculin test campaigns have been applied since 1970 on all bovines over the age of six months.

Since 1986 tuberculin test had been applied only on bovines over the age of 24 months. Records indicate that tests on herd level were performed during the following periods: 1982-1983, 1986-1988, 1994-1995, and 2000-2001.The records proved that the animals which had initially reacted positively or inconclusively to the tuberculin test were retested according to the provisions of Directive 64/432/EEC and all proved to be negative.

An island wide tuberculin test campaign has begun since 2004 according to Directive 64/432/EEC provisions. Since then, M. bovis has not been detected.

5. Additional information

-

* **For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

General evaluation*: Trichinella
1. History of the disease and/or infection in the country[(a)]
There no records on Trichinella disease/ infection in Cyprus. Write text here please
2. Evaluation of status, trends and relevance as a source for humans
Not applicable Write text here please
3. Any recent specific action in the Member State or suggested for the European Union[(b)]
Not applicable Write text here please
4. Additional information
No Write text here please
* **For each zoonotic agent** (a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country (b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: Trichinella

1. Monitoring/Surveillance/Control programmes system[(a)]

Sampling Scheme: A sampling annual control program is implemented by the Veterinary Services.
It is an objective sampling. Samples of pig- meat is collected in slaughterhouses by all slaughtered pigs and examined according to the reference method of Reg. 2075/2005, 2015/1375 for trichinella. The batch is retained in the slaughterhouse until the issue of the result.
Also the Diagnostic and Research Labs for the control of Food of Animal Origin (LCFAO) of Veterinary Services examine samples of wildlife animal (foxes, Hedgehogs) for trichinella.
Suspension sampling: not applied until now. All the results are negative to trichinella.
Sampling stage: for trichinella testing in pigs the sampling is taken place in the slaugherhouse (processing plant), for trichinella testing in wildlife animals the sampling is taken place in field by Cyprus Hunting and Wildlife Service.
Sampler: the sampling is taken by the staff of slaughterhouse under the supervision of the Veterinary Services.
Description of sampling techniques: for trichinella testing in pigs the size is 1 gr for pigs and 2 gr for saws. The samples are examined for every 100 pigs. The method performed is according to the Reg. 2075/2005, 2015/1375. For testing trichinella in wild life sample size is 100 gr of one wildlife animal. The method performed is according to the Reg. 2075/2005, 2015/1375
Testing scheme: the diagnostic method used the reference method of Reg. 2075/2005, 2015/1375

Write text here please

2. Measures in place[(b)]

No positive results until now.

Response of the positive sample to slaughterhouse

- **Positive carcass is detected by examining grouped samples from 20 pigs, then from 5 pigs, and ultimately from each of the 5 pigs.**
- **If infected carcases can not be identified at the slaughterhouse, the above procedure is repeated for all carcasses of that batch retained until the infected carcass is found.**
- **The suspect carcase is retained and more samples are taken from it. The central offices of VS are also notified. The Official Veterinarian shall send to the central offices of VS the food chain information for pigs positive to Trichinella as well as all information on the suspicion of Trichinella.**
- **The positive sample (after inactivation), along with the samples taken from the suspect carcase are sent to the SNA for confirmation.**
- **If the result of the slaughterhouse's laboratory is confirmed, the central offices of VS is informed in writing.**
- **The positive carcase is seized and destroyed as well as all by-products from this carcase.**

Wildlife samples are examined in the LCFAO.

Preliminary action: The presence of Trichinella, which is a notifiable disease, must be legally reported by any veterinarian who works in a slaughterhouse without delay in the Veterinary Services; and also from any veterinarian who is in charge of a laboratory for the diagnosis of Trihinellosis in which a positive sample has been found. Upon receipt of the report on the presence of Trichinella, the CVO empowers the District Veterinary Officer to which the holding belongs for further investigation of the incident. An official veterinarian must visit the holding and, among other things, conduct research to identify the source of the infection and to determine its possible spread to wildlife.

A veterinary research will take place and restrictions on movement will be applied as following: Immediately upon arrival on the infected holding, the official veterinarian must provide a notice to the owner or the owner's representative by imposing the following restrictions:

– All animals on the holding must be restricted to the premises of the holding,

– No animal leaves the holding without the permission of the Veterinary Services, with the exception of slaughter,

– The owner must provide a list of all the pigs on the holding according to their age. The list should be updated daily for births, deaths and massacres during the restraint period. The directory information should be provided when requested and checked at each farm visit.

Within 24 hours of the official confirmation of a positive result, the Commission of the European Union and the other Member States must be officially informed. The Community Disclosure Scheme will be used for such notifications. If meat and meat products from the infected holding have been exported prior to affirming the positive result, the countries of destination of these products should be informed

Once the Trihinellosis diagnosis is confirmed, the Veterinary Services must establish a protection zone within a radius of at least 3 km around the infected holding.

The country's surveillance program for Trichinella for the capture of rodents and other wild animals is intensifying throughout the island during the first year after the positive result is detected. The capture and examination of wild animals along the green line separating the area controlled by the non-controlled area from the Cypriot government should be intensified during the first year after the detection of the positive result.

All necessary measures should be taken at the level of establishments producing food of animal origin and, at the retail level, carcasses, meat and meat products from the infected holding can be traced back to the traceability system. Other involved CAs (eg Health Services) should take all necessary measures, such as checking traceability for meat products at the retail level, withdrawing and withdrawing products.

Write text here please

3. Notification system in place to the national competent authority(c)

Mandatory

Write text here please

4. Results of investigations and national evaluation of the situation, the trends (d) and sources of infection(e)

There are no results of investigation

Write text here please

5. Additional information

-

Write text here please

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

General evaluation*: Listeria monocytogenes
1. History of the disease and/or infection in the country[(a)]
There no records on L. Monocytogenes disease/ infection in Cyprus. Write text here please
2. Evaluation of status, trends and relevance as a source for humans
Not applicable Write text here please
3. Any recent specific action in the Member State or suggested for the European Union[(b)]
Not applicable Write text here please
4. Additional information
No Write text here please
* **For each zoonotic agent** (a): Epidemiological evaluation (trends and sources) over time until recent/current situation for the different relevant matrixes (food, feed, animal). If relevant: the official "disease status" to be specified for the whole country and/or specific regions within the country (b): If applicable

Description of Monitoring/Surveillance/Control programmes system*: L. Monocytogenes

1. Monitoring/Surveillance/Control programmes system[(a)]

Sampling Scheme: A sampling annual control program is implemented by the Veterinary Services.
It is an objective sampling. Samples of ready to eat food of animal origin are collected by the Food Business producing ready to eat food on risk based twice per year. The batch is retained until the issue of the result. Suspension sampling: a sampling is carried out when there is a suspension of presence of L. Monocytogenes in the establishment.
Sampling stage: the sampling is taken place in food business (processing plant).
Sampler: the sampling is performed by the Veterinary Services.
Description of sampling techniques: the size is composed by 5 subsamples; each one is one pack of final product. The samples are storage in cooling box.
Testing scheme: the diagnostic method used EN/ISO 11290-1, 11290-2

Write text here please

2. Measures in place[(b)]

When L. Monocytogenes is present (n=5, c=0) the following measures are in place

- **seizure and destruction of the batch,**
- **suspension of operation of the establishment**
- **corrective action by the FBO**
- **Suspension sampling: sampling of a new batch by the same product and / or different product.**
- **Withdrawal and Recall**

Write text here please

3. Notification system in place to the national competent authority[(c)]

Not Mandatory
Write text here please

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

There are no results of investigation
Write text here please

5. Additional information

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Description of Monitoring/Surveillance/Control programmes system*: Wild mouflons-Natural habitat/ Echinococcus granulosus
1. Monitoring/Surveillance/Control programmes system[(a)]
Convenient Sampling
2. Measures in place[(b)]
Write text here please
3. Notification system in place to the national competent authority[(c)]
Write text here please
4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]
Write text here please
5. Additional information
Write text here please

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Description of Monitoring/Surveillance/Control programmes system*: Coxiella all Animals-Farmed-Herd/Flock
1. Monitoring/Surveillance/Control programmes system[(a)]
Clinical investigations-Suspect sampling
2. Measures in place[(b)]
Write text here please
3. Notification system in place to the national competent authority[(c)]
Write text here please

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

Write text here please

5. Additional information

Write text here please

* **For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

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(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Description of Monitoring/Surveillance/Control programmes system*: General for retail level

1. Monitoring/Surveillance/Control programmes system[(a)]

The State General Laboratory (SGL) is responsible for the official microbiological control of ready to eat foods at retail level, together with the Public Health Services (PHS) of the Ministry of Health) who are the competent authority. The two authorities design and implement an annual (in the framework of the multi annual) surveillance programme. Samples include a) sandwiches from school and mobile canteens, b)cooked dishes and salads from wholeday schools, refectories, hospitals, restaurants, cafes and fast food, hotels, cruise ships, and military camps, c) pastry desserts from bakeries and confectioneries, d) ice creams from gelaterias and mobile canteens, e) pasteurised milk, cheeses, rte meat products, smoked fish, and infant formulae from supermarkets, f) pre cut vegetables and fruit from supermakets and restaurants, g) non pasteurised juices from cafes.
The surveillance programme also includes a small number of meat preparations, intended to be eaten cooked ,from supermarkets. This food category is covered by a much greater extent by the Veterinary Services (competent authority for primary production level of animal origin foods), through their own sampling programs.
Every year the sampling program has some variations like new targeted food categories and reduction or increase of number of samples from certain categories depending on previous years' findings.
The programme is implemented by District and Municipal Public Health Services in an objective sampling strategy.
In addition, samples are also received from border inspection and usually concern sesame seeds, halva, tahini and desiccated coconut.

2. Measures in place[(b)]

Write text here please

3. Notification system in place to the national competent authority[(c)]

Write text here please

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

Write text here please

5. Additional information

Write text here please

*** For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Description of Monitoring/Surveillance/Control programmes system*: *Salmonella spp.* and *Listeria monocytogenes* in food at retail level

1. Monitoring/Surveillance/Control programmes system[(a)]

Food categories like sandwiches , precut vegetables, ice creams are virtually sampled throughout the year. All local producers or establishments (school canteens, mobile canteens, gelaterias) are sampled at retail level at least once a year. Pre cut veg and ice creams are also sampled at production/processing plants in batches.
In the case of cheeses, rte meat products and smoked fish from supermarkets (sampled in two periods), the aim is that the samples are representative of the market with emphasis on local producers. In this way at least one product from each local producer is sampled.
The same applies with infant formulae and baby food (sampled in two periods during the year), except that there are no locally produced such products. Again, virtually all producers from the Cypriot market are sampled.
For convenience reasons some food categories (eg. infant formulae, baby food, different types of cheeses and meat products) from supermarkets are sampled by certain districts and not by others. Due to the small size of the Cyprus market, all producers are represented in all districts, therefore we still consider this as objective sampling.
Some products are consumed seasonally, hence are sampled in either a single period (eg. flaouna cheese for Easter) or during certain periods (e.g. halva, tahini, hoummous, tarama in fasting periods).
Bakery and pastry products and non-pasteurised juices are sampled in two periods. Samples are taken from representative establishments.
Prepared dishes (cooked) and salads are sampled throughout the year from hospitals, during the academic year from day long schools and universities, during the summer from cruise ships, airline

catering , camping sites, hotels and restaurants and in single 1 month periods from specialised cuisine restaurants and fast foods. Imported sesame seeds and desiccated coconut, and products thereof, from 3rd countries are also sampled in batches of 5 samples.
2. Measures in place(b)
Write text here please
3. Notification system in place to the national competent authority(c)
Write text here please
4. Results of investigations and national evaluation of the situation, the trends (d) and sources of infection(e)
There is notable presence of Salmonella in imported sesame seeds and (at a lesser rate) desiccated coconut from 3rd countries. There are only 1-3 positive food samples per year for L. monocytogenes at retail level (rte meat products, smoked fish)
5. Additional information
Write text here please
* **For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent** (a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website. (b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website. (c): Mandatory: Yes/No. (d): Minimum five years. (e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Description of Monitoring/Surveillance/Control programmes system*: Verotoxigenic *E. coli* in food of non-animal origin
1. Monitoring/Surveillance/Control programmes system(a)
There is no local production of sprouted seeds in Cyprus, at the moment, as demonstrated by the investigation of the PHS in previous years. Therefore, for 2017 we tested a limited number of frozen non RTE spring rolls (imported) from retail with negative results.
2. Measures in place(b)
3. Notification system in place to the national competent authority(c)

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

It is worth noting that there have been virtually no reported VTEC human cases in the past 5 years in Cyprus

5. Additional information

* **For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.

(c): Mandatory: Yes/No.

(d): Minimum five years.

(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Description of Monitoring/Surveillance/Control programmes system*: Staphylococcal enterotoxins in food

1. Monitoring/Surveillance/Control programmes system[(a)]

Regarding retail level there was a two year surveillance programme in 2014-2015 for cheeses at retail level. All were negative. In the past 10 years there have been 3 outbreaks due to staphylococcal enterotoxins (SET) in Cypriot cheese but, generally, the microbiological quality of local cheeses is very good, due to the use of pasteurised milk in production. Therefore, it is not necessary to have a monitoring programme for SET. Coagulase positive staphylococci are, of course, monitored and in case of high counts we would proceed to analysis for SET.

2. Measures in place[(b)]

3. Notification system in place to the national competent authority[(c)]

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

Only sporadic cases/outbreaks (0-2 per year). None in 2017.

5. Additional information

* **For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**

(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.
(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.
(c): Mandatory: Yes/No.
(d): Minimum five years.
(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Description of Monitoring/Surveillance/Control programmes system*: *Cronobacter spp.* in infant formulae

1. Monitoring/Surveillance/Control programmes system[(a)]

There no locally produced infant formulae/ follow-on formulae in Cyprus. Therefore, sampling for this food category is only from retail level and the products are, normally, from the EU.

2. Measures in place[(b)]

3. Notification system in place to the national competent authority[(c)]

4. Results of investigations and national evaluation of the situation, the trends [(d)] and sources of infection[(e)]

No positive samples in past 5 years.

5. Additional information

* **For all combinations of zoonotic agents and matrix (Food, Feed and Animals) for 'Prevalence' and 'Disease Status': one text form reported per each combination of matrix/zoonoses or zoonotic agent**
(a): Sampling scheme (sampling strategy, frequency of the sampling, type of specimen taken, methods of sampling (description of sampling techniques) + testing scheme (case definition, diagnostic/analytical methods used, diagnostic flow (parallel testing, serial testing) to assign and define cases. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.
(b): The control program/strategies in place, including vaccination if relevant. If applicable a description of how eradication measures are/were implemented, measures in case of the positive findings or single cases; any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation, if applicable. If programme approved by the EC, please provide link to the specific programme in the Commission`s website.
(c): Mandatory: Yes/No.
(d): Minimum five years.
(e): Relevance of the findings in animals to findings in foodstuffs and for human cases (as a source of infection).

Food-borne Outbreaks

1. System in place for identification, epidemiological investigations and reporting of food-borne outbreaks

The CY Surveillance Unit for Infectious Diseases (Ministry Of Health) is responsible for the coordination of foodborne outbreaks investigation. The Public Health Services (PHS, Ministry of Health) would normally receive notification of FBO cases either from the above unit, clinical doctors and/or affected consumers themselves. Together with the State General Laboratory (SGL, Ministry of Health) they would plan the sampling of suspected foodstuffs for the investigation. The SGL would carry out the microbiological analyses of food/water whereas the clinical laboratories of the hospitals and/or the Reference Clinical Microbiology Laboratory at the Nicosia General Hospital would carry out any analyses on clinical samples. If necessary and relevant, the Veterinary Services (VS, Ministry of Agriculture, Natural Resources and the Environment) will also be notified for further investigation in local producers of food of animal origin and/or farms. The PHS are responsible for the reporting of notifiable disease cases to ECDC, whereas they are jointly responsible with the SGL for reporting FBOs to EFSA.

2. Description of the types of outbreaks covered by the reporting

The reporting would cover both strong and weak evidence outbreaks.

3. National evaluation of the reported outbreaks in the country[(a)]

There are no reported outbreaks for 2017 in Cyprus – only individual cases. Generally, the number of reported outbreaks in Cyprus is low (3 or 4 per year in previous years).

4. Descriptions of single outbreaks of special interest

N/A

5. Control measures or other actions taken to improve the situation

The VS and the PHS/SGL, through their inspections and surveillance sampling programmes, target the food categories that are considered as high risk.

6. Any specific action decided in the Member State or suggested for the European Union as a whole on the basis of the recent/current situation

N/A

7. Additional information

(a): Trends in numbers of outbreaks and numbers of human cases involved, relevance of the different causative agents, food categories and the agent/food category combinations, relevance of the different type of places of food production and preparation in outbreaks, evaluation of the severity of the human cases.

Institutions and laboratories involved in antimicrobial resistance monitoring and reporting

Laboratory of food of animal origin (for Commensal E.coli isolation from caeca samples, Campylobacter isolation from caeca samples (C. jejuni), Salmonella serotyping, isolation ESBL/AmpC producing E. coli from caeca samples, isolation ESBL/AmpC producing E. coli from meat samples, verification, identification and storage of isolates of ESBL/AmpC producing E. coli from meat and caeca samples, selective isolation of carbapenamase-producing E. coli from caeca samples, selective isolation of carbapenamase-producing E. coli from meat samples and verification, identification and storage of isolates of carbapenamase-producing E. coli from meat and caeca samples) and the bacteriology and serology laboratory [Salmonella/ E.coli AST (table 1) and Salmonella/ E.coli (table 4) and Campylobacter AST (table 2] for the Characterization/classification of a sensitive / resistant isolate. The data are consolidated and are entered in mapping tool by Animal Health and Welfare Division (AHWD).

Short description of the institutions and laboratories involved in data collection and reporting

General Antimicrobial Resistance Evaluation

1. Situation and epidemiological evolution (trends and sources) regarding AMR to critically important antimicrobials[(a)] (CIAs) over time until recent situation

Situation and epidemiological evolution (trends and sources) regarding AMR to critically important ANTIMICROBIALS ([a]) (CIAs) over time until recent situation
Results for *fluoroquinolone and MACROLIDES RESISTANT STRAINS of Campylobacter jejuni* in the framework of the harmonized monitoring that had been taken in place in 2014 and 2016

In 2014 and 2016, the levels of resistance observed in Campylobacter jejuni from broilers to ciprofloxacin (72.46% and 85.88% respectively were very high. The levels of resistance observed in Campylobacter jejuni to erythromycin were at 11.59% in 2014, while erythromycin resistant C.jejuni strains were not detected in 2016.

	2014				2016			
	CIP (Ciprofloxacin)							
RCIP	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Frequency	Percent	Cumulative Frequency	Cumulative Percent
POS	50	72.46	69	72.46	73	85.88	73	85.88
NEG	19	27.54	19	100.00	12	14.12	85	100.00
	ERY (Erythromycin)							
POS	8	11.59	69	11.59	0	0	0	0
NEG	61	88.41	61	100.00	85	100.00	85	100.00

Frequency: number of isolates tested; Percent: percentage of resistant isolates per category of susceptibility resistance

Results for 3rd and 4th generation cephalosporins and fluoroquinolones (ciprofloxacin) and colistin (polymyxin); *resistant strains of* E. coli commencal in the framework of the harmonized monitoring that had been taken in place in 2014 and 2016

Fluoroquinolone (ciprofloxacin) resistance in indicator E.coli isolated from caecal content of broilers was very high in 2014 and in 201

(75.86% and 79.52% respectively). Resistance to the third-generation cephalosporins cefotaxime and ceftazidime was at 32.20% and
29.90% in 2014 respectively while in 2016 resistance to cefotaxime and ceftazidime was low and the same to that substances at 3.61

	2014				2016			
	FOT (Cefotaxime)							
RFOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Frequency	Percent	Cumulative Frequency	Cumulative Percent
POS	28	32.20	49	32.20	3	3.61	3	3.61
NEG	59	67.80	87	100.00	80	96.39	83	100.00
	CIP (Ciprofloxacin)							
POS	66	75.86	66	75.86	66	79.52	66	79.52
NEG	21	24.14	87	100.00	17	20.48	83	100.00
	COL (Colistin)							
POS	0	0.00	0	0.00	6	7.23	6	7.23
NEG	87	100.00	87	100.00	77	92.77	77	100.00
	TAZ (Ceftazidime)							
POS	26	29.90	26	29.90	3	3.61	3	3.61
NEG	61	70.10	87	100.00	80	96.39	83	100.00

Results for 3rd and 4th generation cephalosporins and fluoroquinolones (ciprofloxacin) and colistin (polymyxin); *resistant strains of* salmonella in the framework of the harmonized monitoring that had been taken in place in 2014 and 2016 in broilers, layers and turkeys.

Occurrence of resistance to 3rd and 4th generation cephalosporins and fluoroquinolones (ciprofloxacin) and colistin (polymyxin) in Salmonella spp. from broilers in 2014 and 2016

Resistance to ciprofloxacin in both years was extremely high which equaled 68.90% and 100% respectively. Resistance to cefotaxime and ceftazidime was generally either not detected (in 2016) or reported at very low levels (in 2014). Colistin resistance was not detected.

	2014				2016			
	FOT (Cefotaxime)							
RFOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Frequency	Percent	Cumulative Frequency	Cumulative Percent
POS	4	5.80	4	8.9	0	0.00	0	0.00
NEG	41	94.20	45	100.00	24	100.00	24	100.00
	CIP (Ciprofloxacin)							
POS	31	68.90	31	68.90	24	100.00	24	100.00
NEG	14	31.10	45	100.00	24	0.00	24	100.00
	COL (Colistin)							
POS	0	0.00	0	0.00	0	0.00	0	0.00
NEG	45	100.00	45	100.00	24	100.00	24	100.00
	TAZ (Ceftazidime)							
POS	4	5.80	4	5.80	0	0.00	0	0.00
NEG	41	94.20	45	100.00	24	100.00	24	100.00
Panel 2	FOT (Cefotaxime)							
POS	4	100.00						
	TAZ (Ceftazidime)							
POS	4	100.00						
	FOX (Cefoxitine)							
POS	2	50.00						

Occurrence of resistance to 3rd and 4th generation cephalosporins and fluoroquinolones (ciprofloxacin) and colistin (polymyxin) in Salmonella infantis from broilers in 2014

S. Infantis is the most frequently reported serovars in broiler flocks (45.45%) of the Salmonella isolates serotyped. In S. Infantis isolat from broilers resistance to ciprofloxacin was extremely high.

Table 2 of RESULTS by RCIP

Controlling for MATRIX=BROILER RESULTS(RESULTS)	RCIP		
	NEG	POS	Total
SInfantis	2	18	20
	4.54	40.90	45.45
	10.00	90.00	
Total	14	31	45
	31.10	68.90	100.00

Table 2 of RESULTS by RFOT

Controlling for MATRIX=BROILER RESULTS(RESULTS)	RFOT		
	NEG	POS	Total
SInfantis	17	3	20
	38.64	6.82	45.45
	85.00	15.00	
	42.50	75.00	

Table 2 of RESULTS by RTAZ

Controlling for MATRIX=BROILER RESULTS(RESULTS)	RTAZ		
	NEG	POS	Total
SInfantis	17	3	20
	38.64	6.82	45.45
	85.00	15.00	
	42.50	75.00	

Occurrence of resistance to 3rd and 4th generation cephalosporins and fluoroquinolones (ciprofloxacin) and colistin (polymyxin) in Salmonella infantis from broilers in 2016

Table 2 of RESULTS by RCIP

Controlling for MATRIX=BROILER			
RESULTS(RESULTS)	RCIP		
	NEG	POS	Total
SInfantis	0	20	20
	0.00	100.00	

Occurrence of resistance to 3rd and 4th generation cephalosporins and fluoroquinolones (ciprofloxacin) and colistin (polymyxin) in Salmonella spp. from laying hens in 2014

Table 3 of RESULTS by RCIP

Controlling for MATRIX=LAYER			
RESULTS(RESULTS)	RCIP		
	NEG	POS	Total
Salmonella spp.	11	6	17
	64.71	35.29	100.00

Resistance to cefotaxime and ceftazidime was not reported.

Occurrence of resistance to 3rd and 4th generation cephalosporins and fluoroquinolones (ciprofloxacin) and colistin (polymyxin) in Salmonella spp. from laying hens in 2016

Table 3 of RESULTS by RCIP

Controlling for MATRIX=LAYER			
RESULTS(RESULTS)	RCIP		
	NEG	POS	Total
Salmonella spp.	8	2	10
	80.00	20.00	100.00

Resistance to cefotaxime and ceftazidime was not reported

Occurrence of probable ESBL and AmpC producing E.coli isolates from broiler meat collected in the context of the specific ESBL/AmpC/ Carbapenemase – producing monitoring and subjected to supplementary testing in 2016

Among the cephalosporin-resistant isolates (86 isolates tested with Panel 2), the occurrence of probable ESBL-producing E.coli isolates from broiler meat collected in the context of the specific ESBL/ AmpC/ Carbapenemase-producing E. coli monitoring was 67.44%. The occurrence of probable AmpC-producing E. coli isolates from meat from broilers was 41.86%, while 10.47%

of the E.coli isolates presented as ESBL & AmpC-producing E.coli. There were eight E.coli isolates from broiler meat samples showed a carbapenemase-producing phenotype.

2016

	ESBL (Clavulanate synergy with FOT, TAZ, or FOT & TAZ			
	Frequency	Percent	Cumulative Frequency	Cumulative Percent
POS	58	67.44	86	100.00
	ESBL (FOT/CLA synergy-only)			
POS	9	10.46	86	100.00
	ESBL (TAZ/CLA synergy-only)			
POS	1	1.16	86	100.00

	AmpC (Resistance to Cefoxidine)			
	Frequency	Percent	Cumulative Frequency	Cumulative Percent
POS	36	41.86	86	100.00
	ESBL & AmpC (Clavulanate synergy with FOT, TAZ and with resistance to FOX)			
POS	9	10.47	86	100.00
	MERO resistance			
POS	0	0.00	86	100.00

Probable ESBL and AmpC – producing indicator E.coli isolates from broiler flocks collected in the context of the AMR monitoring program and subjected to supplementary testing (Panel 2) in 2016

The proportion of probable ESBL-producing E.coli isolates from broiler flocks among the total E coli isolates tested with Panel 1, was 2.35%. The proportion of E.coli with an AmpC phenotype was 3.53%. One indicator E.coli isolated from broiler flocks showed a carbapenemase-producing phenotype.

2016

	ESBL (Clavulanate synergy with FOT, TAZ, or FOR & TAZ			
Panel 2	Frequency	Percent[1]	Cumulative Frequency	Cumulative Percent
POS	2	2.35	85	100.00
	ESBL (FOT/CLA synergy)			
POS	2	2.35	85	100.00
	ESBL (TAZ/CLA synergy)			
POS	0	0.00	85	100.00

	AmpC (Resistance to Cefoxidine)

[1] The percentage is calculated to the total number tested P1.

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
POS	3	3.53	85	100.00
	ESBL & AmpC (Clavulanate synergy with FOT, TAZ and with resistance to FOX)			
POS	0	0.00	85	100.00
	MERO resistance			
POS	1	1.17	85	100.00

Occurrence of probable ESBL and AmpC producing E.coli isolates from broiler flocks collected in the context of the specific ESBL/AmpC/ Carbapenemase – producing monitoring and subjected to supplementary testing in 2016

The levels of probable ESBL-producing E.coli isolates from broiler flocks collected in the context of the specific ESBL/ AmpC/ Carbapenemase-producing E. coli monitoring, were 70.73% (among the total number of E.coli isolates tested with Panel 2). The relevant proportion of AmpC-producing E.coli isolates was 56.09%.

2016

	ESBL (Clavulanate synergy with FOT, TAZ, or FOT & TAZ			
	Frequency	Percent	Cumulative Frequency	Cumulative Percent
POS	29	70.73	41	100.00
	ESBL (FOT/CLA synergy)			
POS	9	21.95	41	100.00
	ESBL (TAZ/CLA synergy)			
POS	1	2.43	41	100.00

AmpC (Resistance to Cefoxidine)

	Frequency	Percent	Cumulative Frequency	Cumulative Percent
POS	23	56.09	41	100.00
	ESBL & AmpC (Clavulanate synergy with FOT or TAZ and with resistance to FOX)			
POS	11	26.83	41	100.00
	MERO resistance			
POS	0	0.00	41	100.00

Results for 3rd and 4th generation cephalosporins and fluoroquinolones (ciprofloxacin) and colistin (polymyxin); *resist* *strains of* E. coli commensal in the framework of the harmonized monitoring that had been taken in place in 2015 and 2017

Fluoroquinolone (ciprofloxacin) resistance in indicator E.coli isolated from caecal content of pigs was moderate at 43.63% in 201 and 24.65% in 2017. Resistance to cefotaxime and ceftazidime was either not detected in 2017. In 2015 the proportion of resistant E.coli strains to cefotaxime and ceftazidime was the same 5.45%.

2015	2017
FOT (Cefotaxime)	

RFOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Frequency	Percent	Cumulative Frequency	Cumulative Percent
POS	3	5.45	3	5.45	0	0.00	0	0.00
NEG	52	94.55	55	100.00	57	100.00	57	100.00
	CIP (Ciprofloxacin)							
POS	24	43.63	24	43.63	14	24.56	14	24.56
NEG	31	56.37	55	100.00	43	75.44	43	100.00
	COL (Colistin)							
POS	0	0.00	0	0.00	0	0.00	0	0.00
NEG	55	100.00	55	100.00	57	100.00	57	100.00
	TAZ (Ceftazidime)							
POS	3	5.45	3	5.45	0	0.00	0	0.00
NEG	52	94.55	55	100.00	57	100.00	57	100.00

Results for 3rd and 4th generation cephalosporins and fluoroquinolones (ciprofloxacin) and colistin (polymyxin); *resistant strains of* salmonella spp. in the framework of the harmonized monitoring that had been taken in place in 2015 and 2017 in pigs.

	2015				2017			
	FOT (Cefotaxime)							
RFOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Frequency	Percent	Cumulative Frequency	Cumulative Percent
POS	0	0.00	0	0.00	0	0.00	0	0.00
NEG	4	100.00	4	100.00	4	100.00	4	100.00
	CIP (Ciprofloxacin)							
POS	1	25.00	1	25.00	0	0.00	0	0.00
NEG	3	75.00	4	100.00	4	100.00	4	100.00
	COL (Colistin)							
POS	0	0.00	0	0.00	0	0.00	0	0.00
NEG	4	100.00	4	100.00	4	100.00	4	100.00
	TAZ (Ceftazidime)							
POS	0	0.00	0	0.00	0	0.00	0	0.00
NEG	4	100.00	4	100.00	4	100.00	4	100.00

Occurrence of probable ESBL and AmpC producing E.coli isolates from pigs collected in the context of the routine monitoring and subjected to supplementary testing (panel 2) in 2015

The levels of probable ESBL-producing E.coli isolates from pigs collected in the context of the specific ESBL/ AmpC/ Carbapenemase-producing E. coli monitoring, were 5.5% (among the total number of E.coli isolates tested with Panel 2). The relevant proportion of AmpC-producing E.coli isolates was 1.8%.

2015

	ESBL (Clavulanate synergy with FOT, TAZ, or FOT & TAZ			
	Frequency	Percent	Cumulative Frequency	Cumulative Percent
POS	3	5.50	55	100.00
	ESBL (FOT/CLA synergy)			
POS	1	1.80	55	100.00
	ESBL (TAZ/CLA synergy)			
POS	1	1.80	55	100.00

	AmpC (Resistance to Cefoxidine)			
	Frequency	Percent	Cumulative Frequency	Cumulative Percent
POS	1	1.80	55	100.00
	ESBL & AmpC (Clavulanate synergy with FOT or TAZ and with resistance to FOX)			
POS	1	1.80	55	100.00
	MERO resistance			
POS	0	0.00	55	100.00

Occurrence of probable ESBL and AmpC producing E.coli isolates from pig meat collected in the context of the specific ESBL/AmpC/ Carbapenemase – producing monitoring and subjected to supplementary testing in 2015 and 2017

The levels of probable ESBL-producing E.coli isolates from meat from pigs samples collected in the context of the specific ESBL/ AmpC/ Carbapenemase-producing E. coli monitoring, were 28.57% (among the total number of E.coli isolates tested with Panel 2). The relevant proportion of AmpC-producing E.coli isolates was 85.71%. The detection of AmpC-producing E. coli exceeded that of AmpC-producing E. coli. The relevant results in 2017 were 50% for ESBL-producing E.coli isolates and 50% for AmpC-producing E. coli.

	2015				2017			
	ESBL (Clavulanate synergy with FOT, TAZ, or FOT & TAZ)							
	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Frequency	Percent	Cumulative Frequency	Cumulative Percent
POS	2	28.57	7	100.00	2	50.00	4	100.00
	ESBL (FOT/CLA synergy-only)							
POS	2	28.57	7	100.00	0	0.00	4	100.00
	ESBL (TAZ/CLA synergy-only)							
POS	0	0.00	7	100.00	0	0.00	4	100.00
	AmpC (Resistance to Cefoxidine)							
POS	6	85.71	7	100.00	2	50.00	4	100.00
	ESBL & AmpC (Clavulanate synergy with FOT or TAZ and with resistance to FOX)							
POS	1	14.28	7	100.00	0	0.00	4	100.00
	MERO resistance							
POS	0	0.00	7	100.00	0	0.00	4	100.00

Occurrence of probable ESBL and AmpC producing E.coli isolates from bovine meat collected in the context of the specific ESBL/AmpC/ Carbapenemase – producing monitoring and subjected to supplementary testing in 2015 and 2017

The levels of probable ESBL-producing E.coli isolates from bovine meat samples collected in the context of the specific ESBL/ AmpC/ Carbapenemase-producing E. coli monitoring, were 30% in 2015 and 40% in 2017 (among the total number of E.coli isolates tested with Panel 2). The relevant proportion of AmpC-producing E.coli isolates was 80.00% in 2015 and 60% in 2017.

	2015				2017			
	ESBL (Clavulanate synergy with FOT, TAZ, or FOT & TAZ)							
	Frequency	**Percent**	**Cumulative Frequency**	**Cumulative Percent**	Frequency	Percent	Cumulative Frequency	Cumulative Percent
POS	**3**	**30.00**	**10**	**100.00**	**2**	**40.00**	**5**	**100.00**
				ESBL (FOT/CLA synergy)				
POS	**0**	**0.00**	**10**	**100.00**	**2**	**40.00**	**5**	**100.00**
				ESBL (TAZ/CLA synergy)				
POS	**0**	**0.00**	**10**	**100.00**	**2**	**40.00**	**5**	**100.00**
	AmpC (Resistance to Cefoxidine)							
POS	8	80.00	10	100.00	3	60.00	5	100.00
	ESBL & AmpC (Clavulanate synergy with FOT or TAZ and with resistance to FOX)							
POS	1	10.00	10	100.00	0	0.00	5	100.00
	MERO resistance							
POS	0	0.00	10	100.00	0	0.00	5	100.00

2. Public health relevance of the findings on food-borne AMR in animals and foodstuffs

Write text here please

3. Recent actions taken to control AMR in food producing animals and food

Write text here please

4. Any specific action decided in the Member State or suggestions to the European Union for actions to be taken against food-borne AMR threat

Write text here please

General Description of Antimicrobial Resistance Monitoring*; Please add the matrix and bacterial species

1. General description of sampling design and strategy[(a)]

The sampling strategy is based on the Decision 2013/652/EU, therefore the selection of samples/isolates is done according to prospective sampling and retrospective one. The prospective strategy is implemented for AMR monitoring in bacteria isolated from broiler and fattening pigs caecal samples at the slaughterhouse and from fresh broiler and fresh pig meat at retail. The retrospective strategy is implemented for AMR IN Salmonella spp. isolates obtained from the sampling in the national control program context (Regulation (EC) No 2160/2003 and from the representative sampling of carcasses of broilers and fattening pigs at slaughterhouse in the context of Regulation (EC) No 2073/2005.

Animal populations to be sampled for caecal samples at slaughterhouses and number of samples/isolates per bacteria per year to be sampled according to the Decision 2160/2013.

Animal population	Bacteria	2014	2015	2016	2017

Broilers	**C.jejuni**	**85[2] isolates**		**85 isolates**	
	E.coli	**85 isolates**		**85 isolates**	
	Enzyme-producing E.coli	**150 samples**		**150 samples**	
Fattening pigs	**E. coli**		**85 isolates**		**85 isolates**
	Enzyme-producing E.coli		**150 samples**		**150 samples**

Number of Salmonella spp. isolates obtained from carcases and have to be tested per animal population per year

Carcases	Bacteria	2014	2015	2016	2017
Broilers	**Salmonella**	**85 isolates**		**85 isolates**	
Fattening turkeys	**Salmonella**	**85 isolates**		**85 isolates**	
Fattening pigs	**Salmonella**		**85 isolates**		**85 isolates**

Number of fresh meat samples at retail

Fresh meat	Bacteria	2014	2015	2016	2017
Broilers	**Enzyme-producing E.coli**			**150 samples**	
Pig meat	**Enzyme-producing E.coli**		**150 samples**		**150 samples**
Bovine meat	**Enzyme-producing E.coli**		**150 samples**		**150 samples**

2. Stratification procedure per animal population and food category

Characteristics of the stratified sampling approach applied to prospective sampling of samples

	Sampling of caeca samples at slaughterhouse	Sampling of meat samples at retail
Target populations	**Broilers**	**Broiler meat**
	Fattening Pigs	**Pig meat**
		Bovine meat

[2] The number of samples to be collected from each animal population in order to achieve the number of isolates required is estimated based on prevalence of the bacteria considered (C. jejuni, E.coli)

Subgroup (1st stage)	**Slaughterhouse**	**District**
Proportional allocation	**Sample size proportionate to the slaughterhouse**	**Sample size proportionate to the district distribution of the establishments (at retail level)**
2nd stage	**Fattening pigs: Batches of carcases originating from the holdings which are determined as samples taken at 3-4 months intervals from the same holding.**	**Sample size allocated proportional per month. In the case where the number of samples is N, then the number of samples to be sampled by month for each stratum is calculated as N divided by 12.**
	Broilers: Carcases originating from the same flock.	
Epidemiological Unit	**Fattening pigs: Batches of carcases originating from the holdings which are determined as samples taken at 3-4 months intervals from the same holding.**	**One lot of meat**
	Broilers: Carcases originating from the same flock.	
Sample/Isolate	**One sample of caecal content per epidemiological unit[3]**	**One meat sample per lot**

3. Randomisation procedure per animal population and food category

The sampling procedure per animal population and food category is simple and consist of drawing elements from atargeted population in the way that each element has equal probability of being selected.

4. Analytical method used for detection and confirmation[(b)]

According to the legislation and the protocols developed by the EURL-AR.

5. Laboratory methodology used for detection of antimicrobial resistance[(C)]

Antimicrobial substances and cut-off values that are included in AMR monitoring for Salmonella spp., indicator commensal E.coli and for detection of ESBL-producing E. coli (first panel).

Antimicrobial substances	Species	ECOFF (EUCAST epidemiological cut-off values)
Sulfonamides - Sulfamethoxazole	**Salmonella**	>256
	E.coli	>64
Trimethoprim	**Salmonella**	>2
	E.coli	>2
Fluoroquinolones - Ciprofloxacin	**Salmonella**	>0,064
	E.coli	>0,064
Tetracyclines - Tetracycline	**Salmonella**	>8
	E.coli	>8
Carbapenems - Meropenem	**Salmonella**	>0,125
	E.coli	>0,125
Macrolides - Azithromycin	**Salmonella**	>16

[3] The sample of caecal content derive from one carcass.

	E.coli	>16
Quinolones - Nalidixic acid	Salmonella	>16
	E.coli	>16
Cephalosporins - Cefotaxime	Salmonella	>0,5
	E.coli	>0,25
Amphenicols - Chloramphenicol	Salmonella	>16
	E.coli	>16
Glycylcyclines - Tigecycline	Salmonella	>1
	E.coli	>1
Cephalosporins - Ceftazidime	Salmonella	>2
	E.coli	>0,5
Polymyxins - Colistin	Salmonella	>2
	E.coli	>2
Penicillins - Ampicillin	Salmonella	>8
	E.coli	>8
Aminoglycosides - Gentamicin	Salmonella	>2
	E.coli	>2

Panel of antimicrobial substances, EUCAST epidemiological cut-off values (ECOFFs) that are used for testing only Salmonell and indicator commensal E.coli isolates resistant to cefotaxime or ceftazidime or meropenem – (second panel)

Antimicrobial substances	Species	ECOFF (EUCAST epidemiological cut-off values)
Cephalosporins - Cefoxitin	Salmonella	>8
	E.coli	>8
Cephalosporins - Cefotaxime	Salmonella	>0,5
	E.coli	>0,25
Carbapenems - Ertapenem	Salmonella	>0,06
	E.coli	>0,06
Carbapenems - Imipenem	Salmonella	>1
	E.coli	>0,5
Carbapenems - Meropenem	Salmonella	>0,125
	E.coli	>0,125
Cephalosporins - Ceftazidim	Salmonella	>2
	E.coli	>0,5
Cephalosporins - Cefepime	Salmonella	>0,125
	E.coli	>0,125
Penicillins - Temocillin	Salmonella	>32
	E.coli	>32
Cephalosporins + ß lactamase inhibitores - Cefotaxime + Clavulanic acid	Salmonella	>0,5
	E.coli	>0,25
Cephalosporins + ß lactamase inhibitores - Ceftazidime + Clavulanic acid	Salmonella	>2
	E.coli	>0,5

Panel of antimicrobial substances, EUCAST epidemiological cut-off values (ECOFFs) that are used for testing only Salmonell and indicator commensal E.coli isolates resistant to cefotaxime or ceftazidime or meropenem – (second panel)

Antimicrobial substances	Species	ECOFF (EUCAST epidemiological cut-off values)
Fluoroquinolones - Ciprofloxacin	C. jejuni	>0,5
Tetracyclines - Tetracycline	C. jejuni	>1
Quinolones - Nalidixic acid	C. jejuni	>16

Aminoglycosides - Gentamicin	**C. jejuni**	>2
Macrolides - Erythromycin	**C. jejuni**	>4
Aminoglycosides - Streptomycin	**C. jejuni**	>4

7. Additional information

*** to be filled in per combination of bacterial species/matrix**

(a): Method of sampling (description of sampling technique: stage of sampling, type of sample, sampler), Frequency of sampling, Procedure of selection of isolates for susceptibility testing, Method used for collecting data.

(b): Analytical method used for detection and confirmation: according to the legislation, the protocols developed by the EURL-AR should be used and reported here. In the case of the voluntary specific monitoring on Carbapenemase-producers, the selective media used (commercial plates, 'in house' media) should be also reported here. In general, any variation with regard to the EURL-AR protocols should be stated here, number of isolates isolated per sample, in particular for *Campylobacter* spp..

(c): Antimicrobials included, Cut-off values